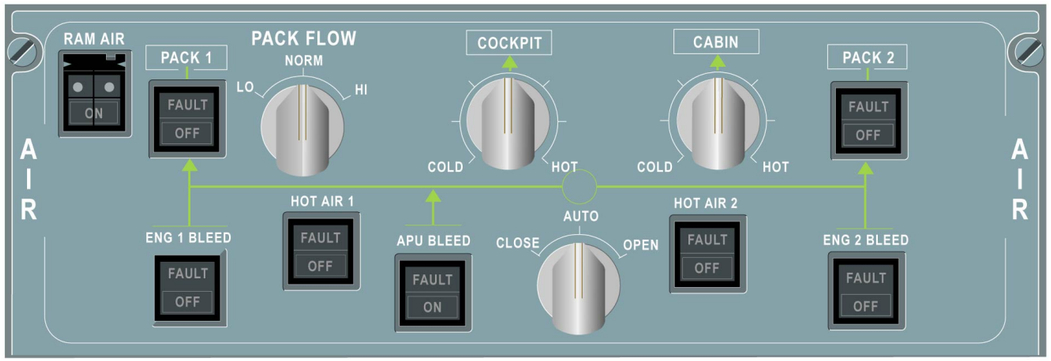
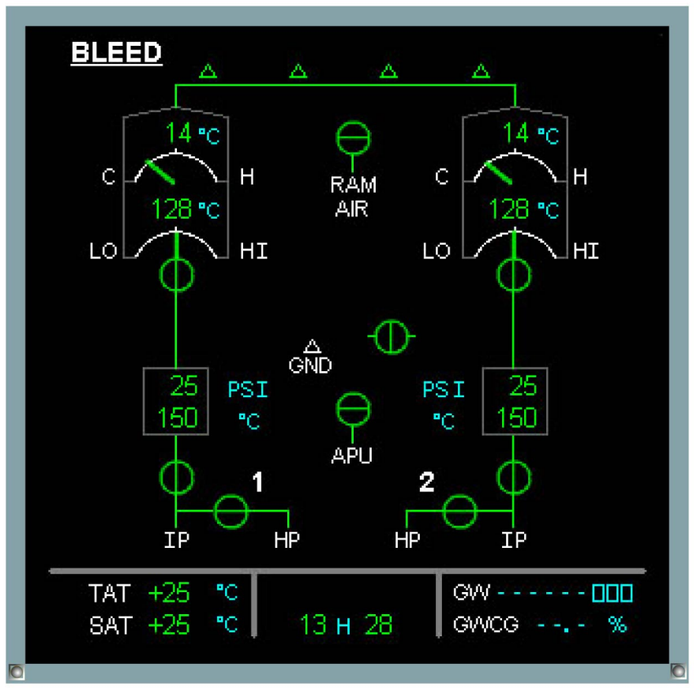
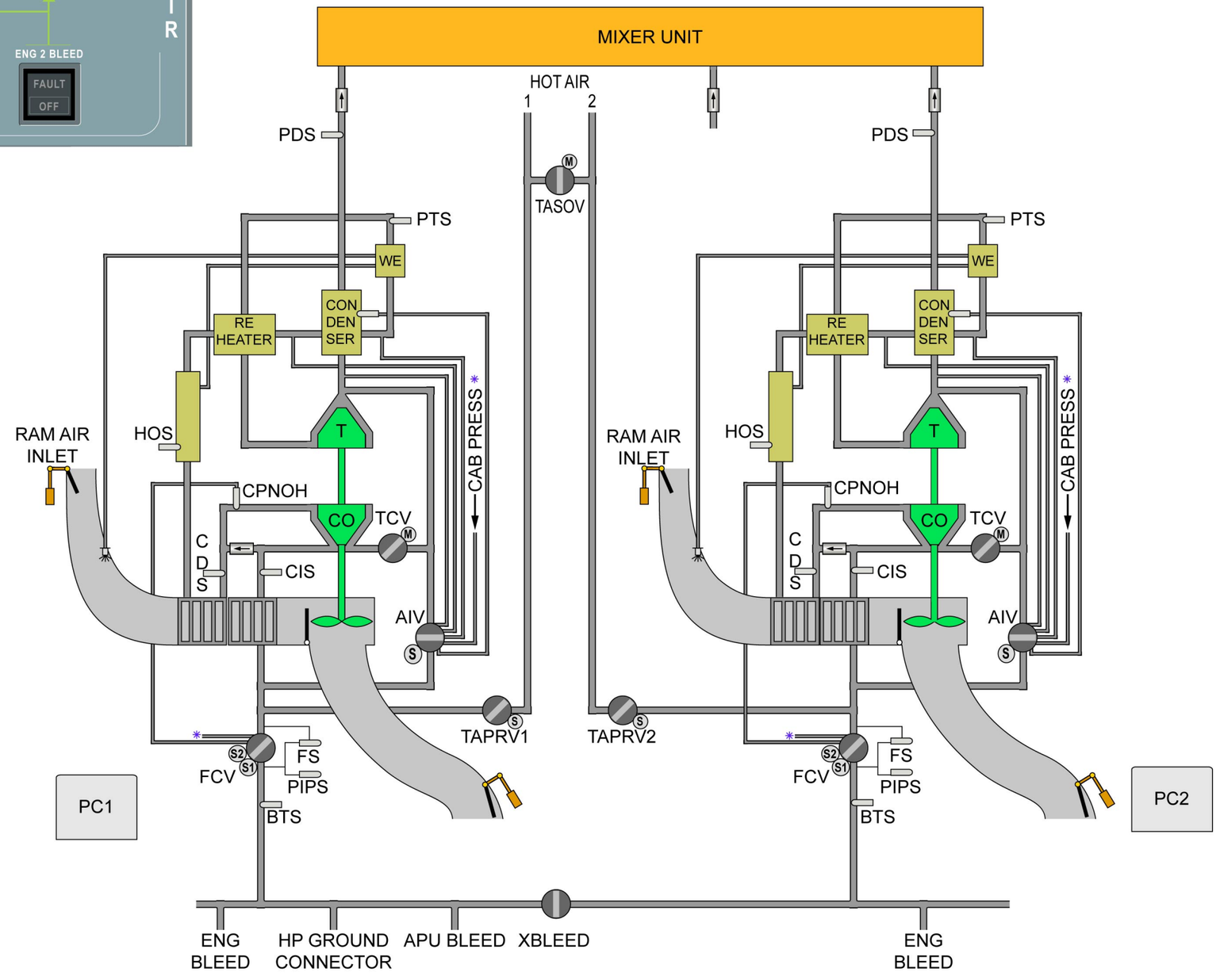
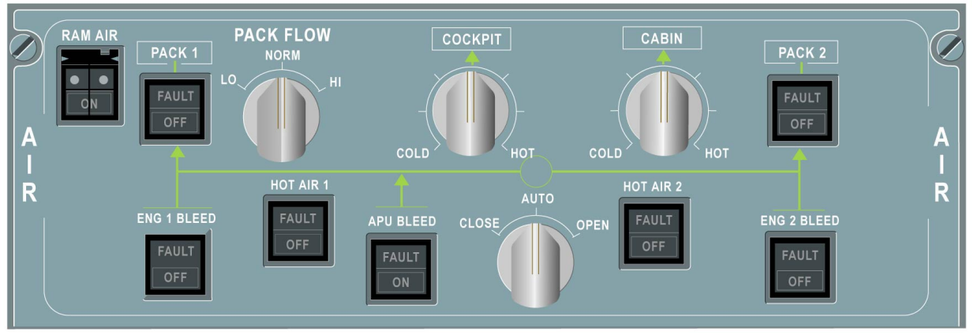
Long Range
TECHNICAL TRAINING MANUAL
A330 GE CF6 - T1/T1+T2, CMQ T1/T1+T2
DEBRIEFING SCHEMATICS

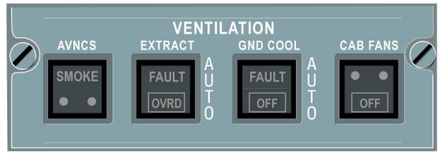






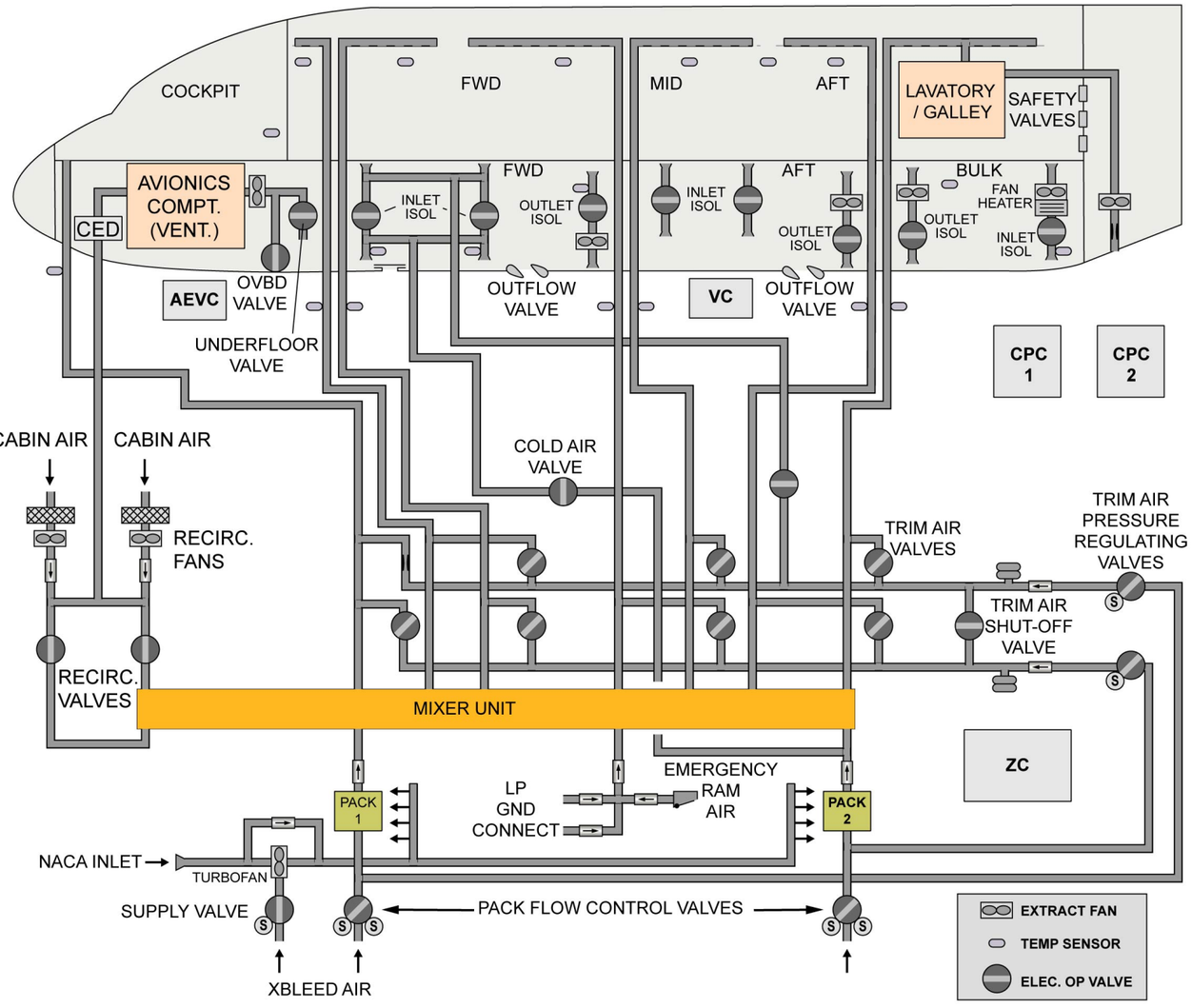
O5611321 - GDGT0T0 - FM21IADEBRIEF01

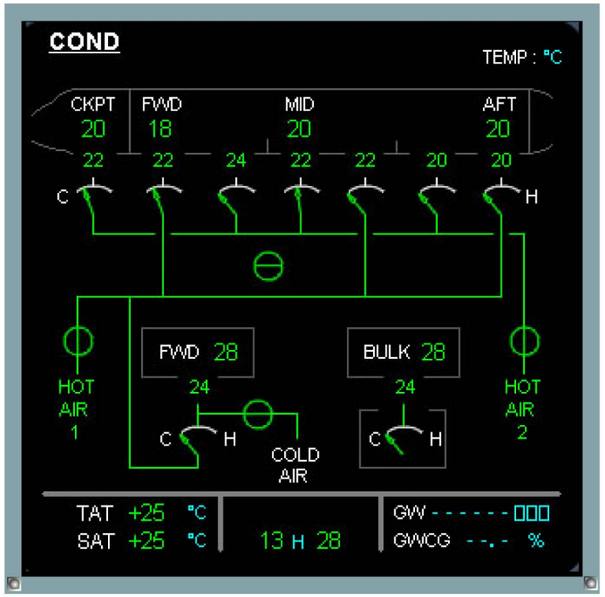




(212 VU)

MAINTENANCE PANEL (285 VU)

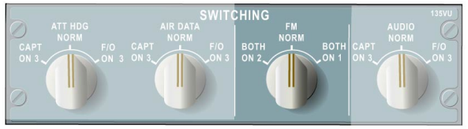




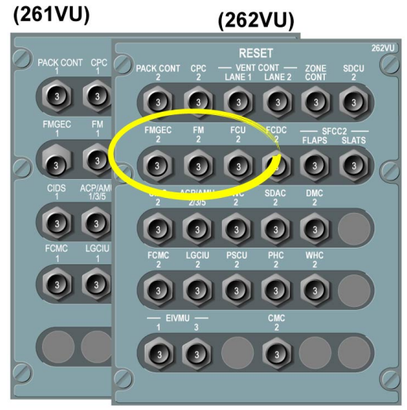
(225 VU)

O5611321 - GDGT0T0 - FM21IBDEBRIEF01

FCU



(135VU)



SIDE STICK

ND
F/O

PFD
F/O

DMC 1

DMC 2

EIVMU

ECU/
EEC

FMGEC 1

FG
AP
FD
A/THR

FE - ABN SITUATION DET.
- BACK UP COMPUTAT.
- ALPHA FLOOR ACQ. ...

FM - NAV DATABASE
- PERFO DATABASE
- FLIGHT PLAN ...

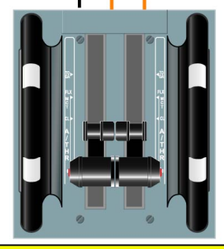
FMGEC 2

FG
AP
FD
A/THR

FE - ABN SITUATION DET.
- BACK UP COMPUTAT.
- ALPHA FLOOR ACQ. ...

FM - NAV DATABASE
- PERFO DATABASE
- FLIGHT PLAN ...

THRUST
CONTROL
LEVERS



MCDU 2

FCSC

FCPC

BSCU

FLIGHT CONTROLS

MCDU 1

MCDU 3 (Backup)

O5611321 - GDGT0T0 - FM22IADEBRIEF01

PTT
SIDE STICK

BOOMSET /
HAEDSET

OXYGEN
MASK

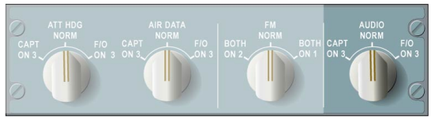
HAND
MIKE

COCKPIT
LOUDSPEAKERS

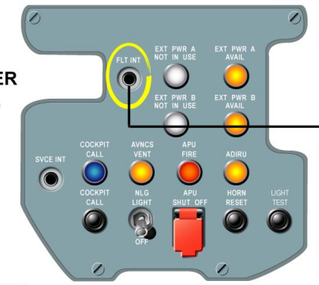
ACOUSTIC EQUIPMENT

ACP

RMP



AUDIO SWITCHING SELECTOR



EXTERNAL POWER
CONTROL PANEL
(925VU)

AMU

COMMUNICATION
SYSTEMS

NAVIGATION
SYSTEMS

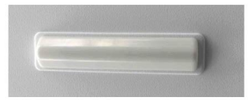
AAP

SELCAL

COCKPIT
HANDSET

CALLS panel

(285VU)


ACP

AIP

CABIN
HANDSET

DIRECTORS (1 / 2)

DEU B

DEU A

LGCIU (1 / 2)

EIVMUs

CPC (1 / 2)

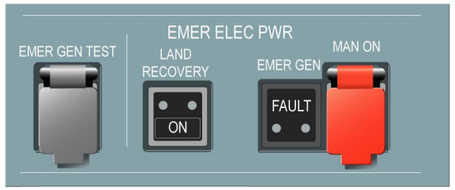
SERV INT JACKS

IFE SYSTEM

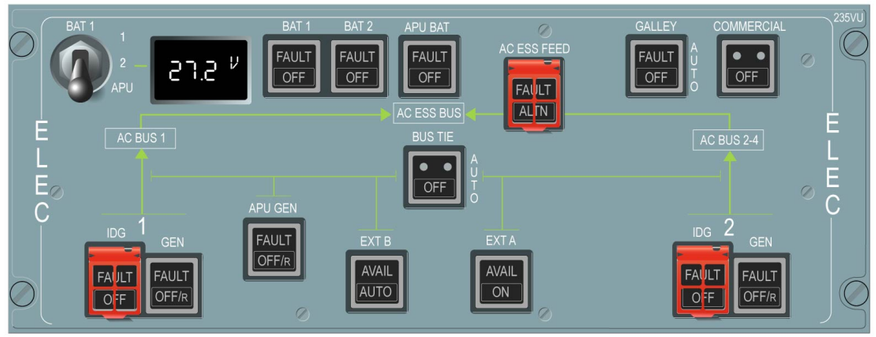
PSU

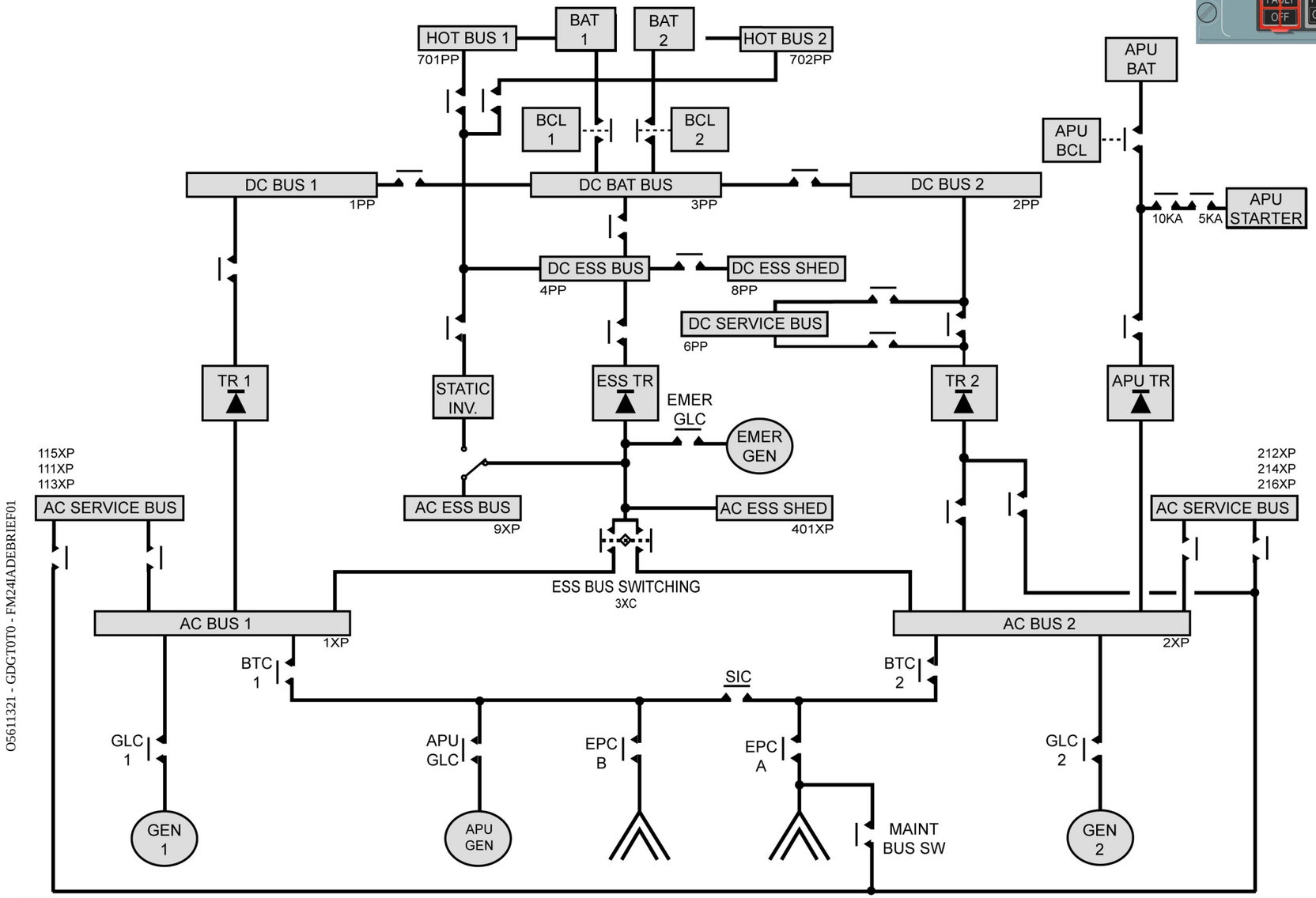
FAP

O5611321 - GDGT0T0 - FM23IADEBRIEF01



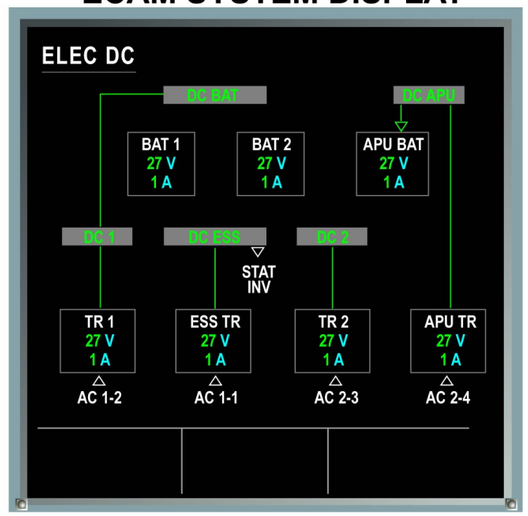
(21VU)

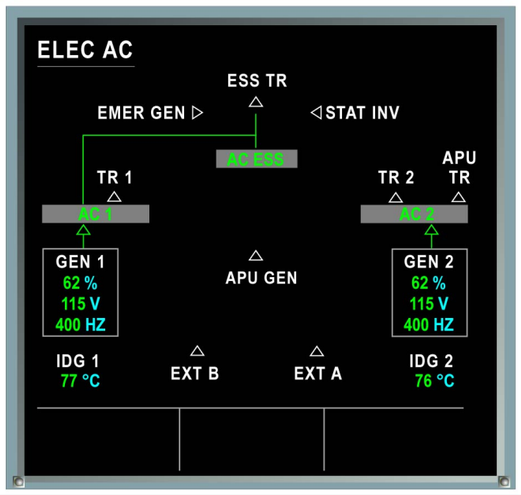


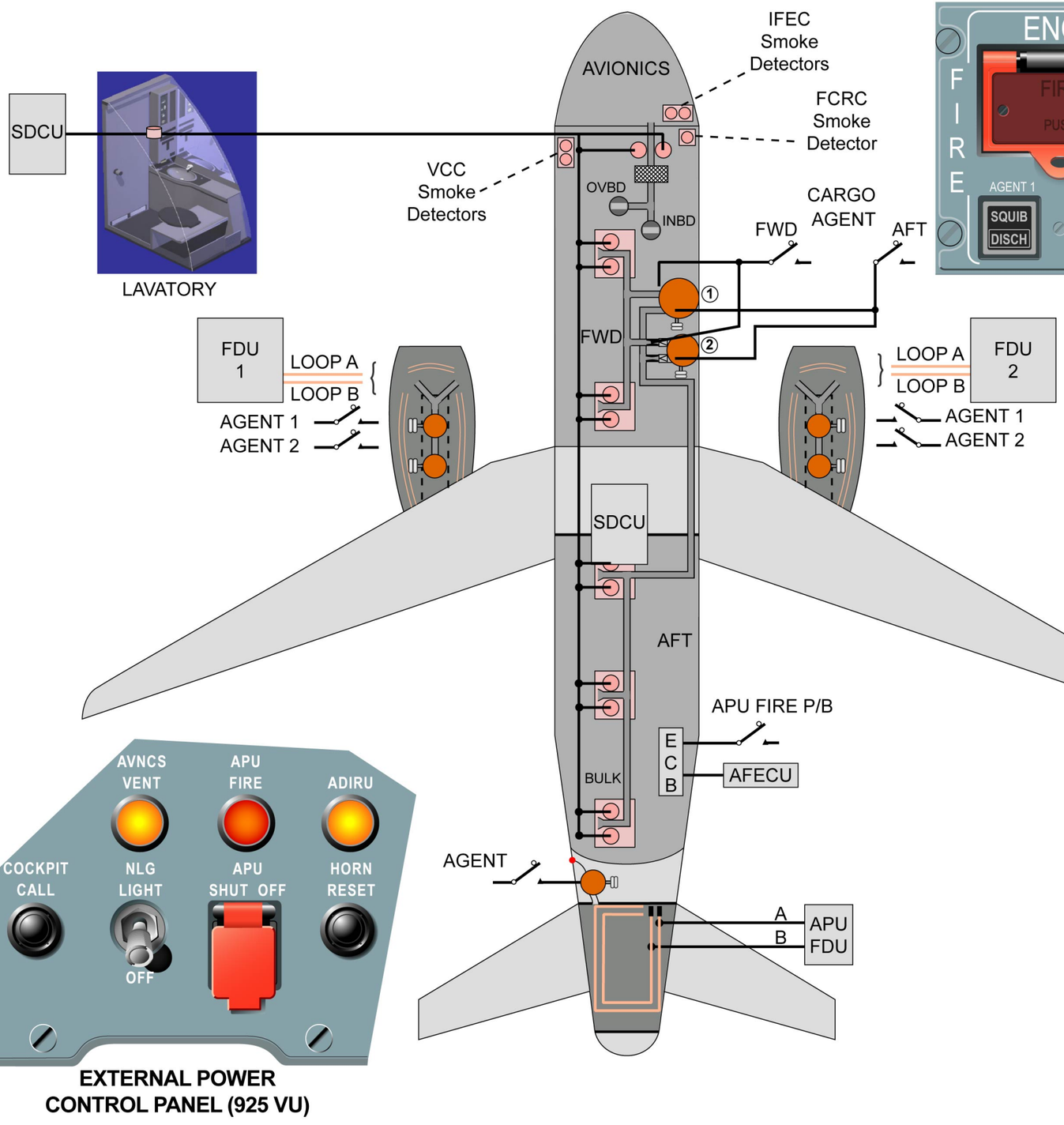


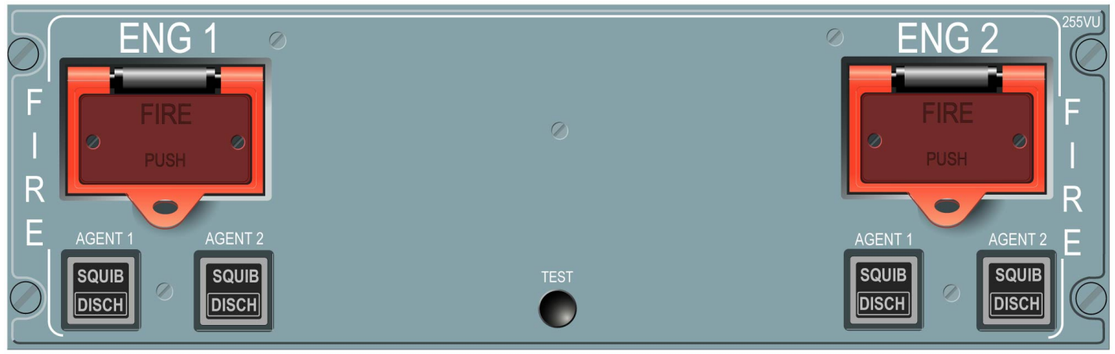
O5611321 - GDGT0T0 - FM24IADEBRIEF01

ECAM SYSTEM DISPLAY

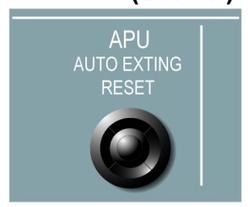


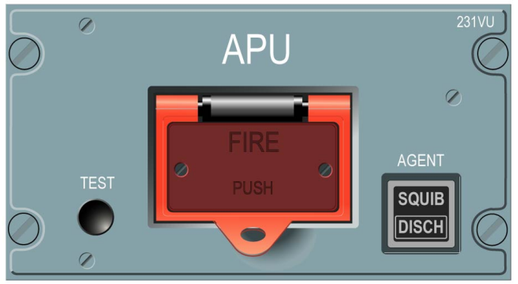




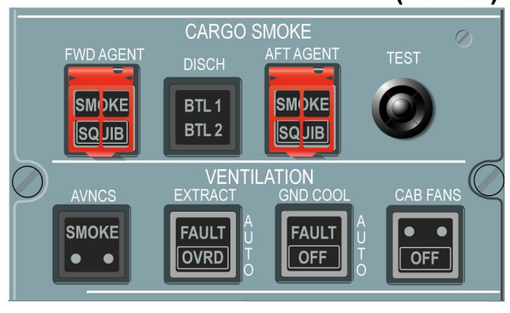


(285 VU)





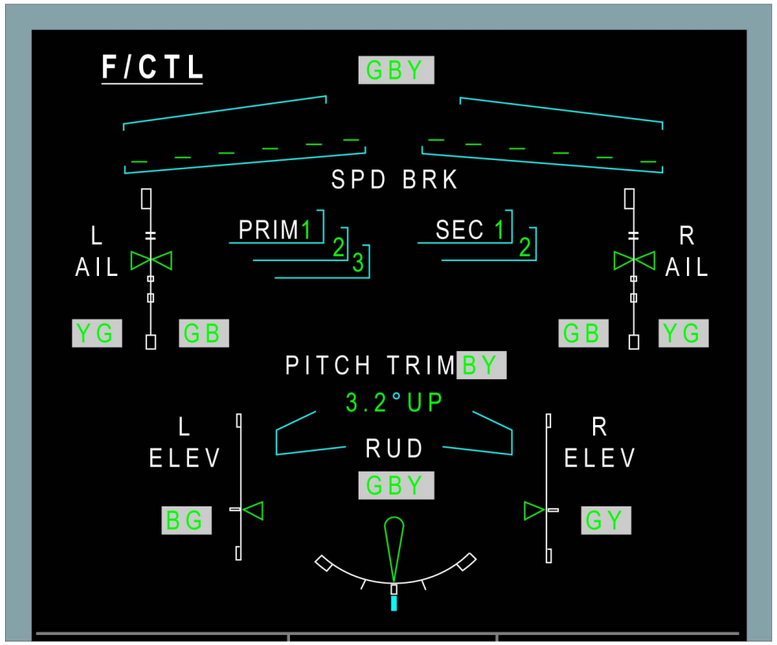
(212 VU)

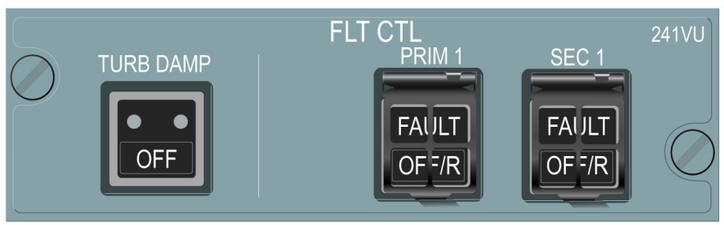


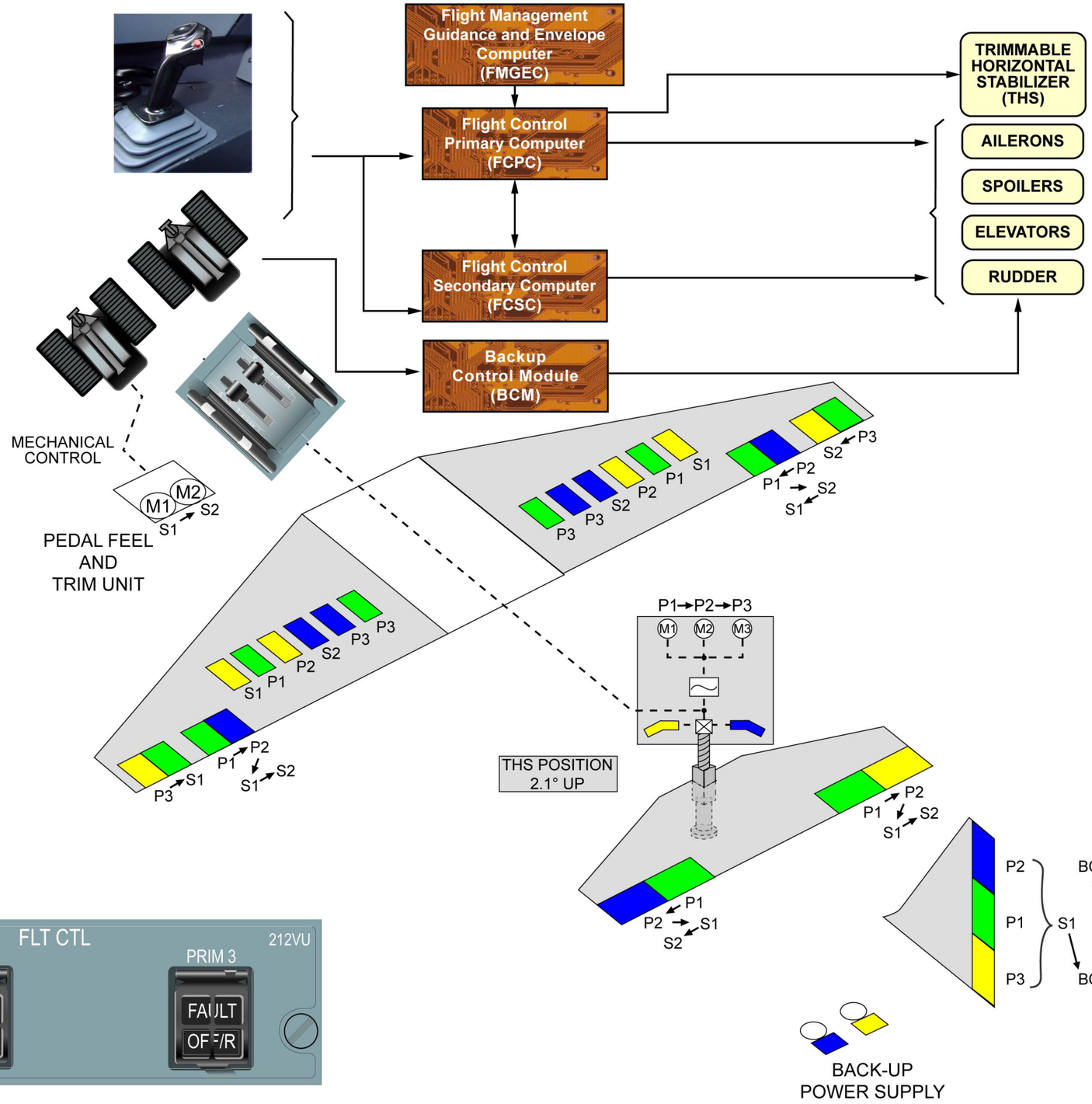
EXTERNAL POWER CONTROL PANEL (925 VU)

ENGINE MASTER PANEL (125 VU)

O5611321 - GDGT0T0 - FM26IADEBRIEF01

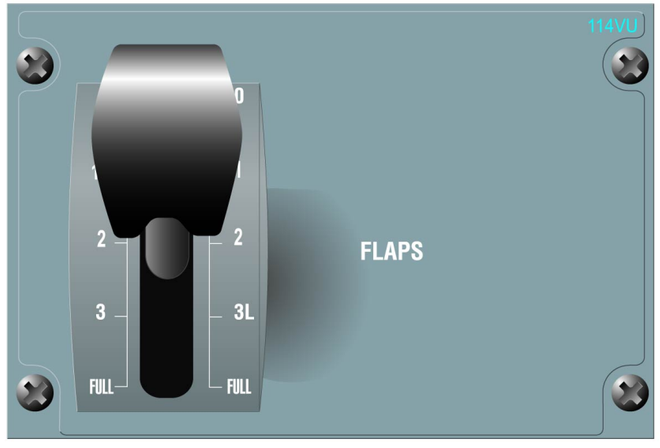


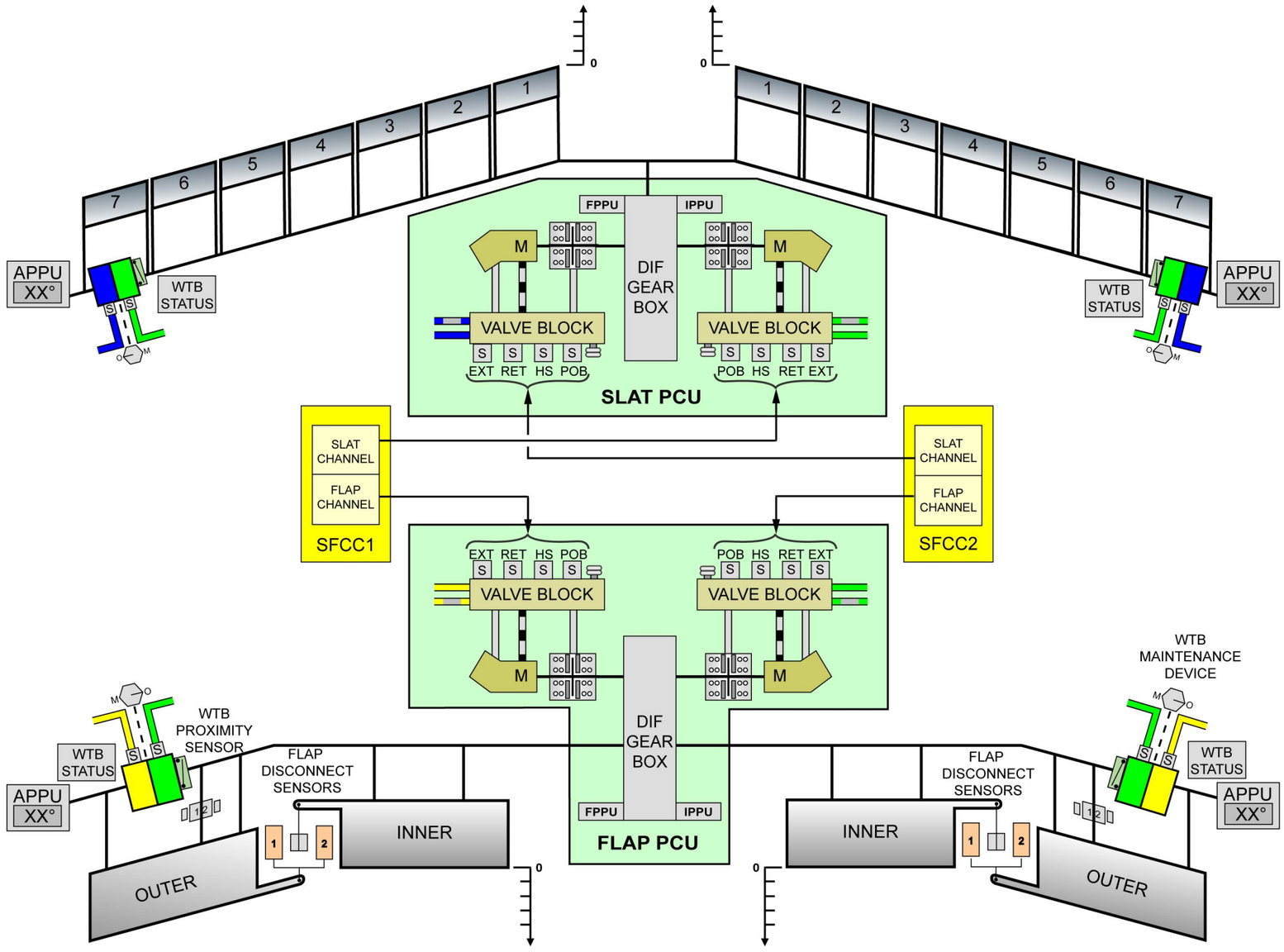




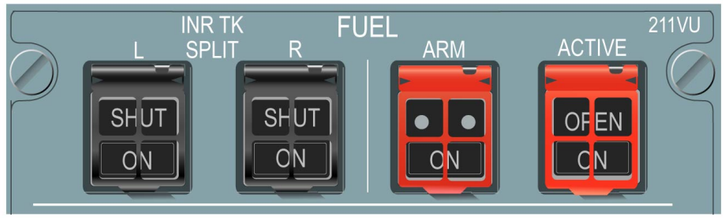
O5611321 - GDGT0T0 - FM27TADEBRIEF01

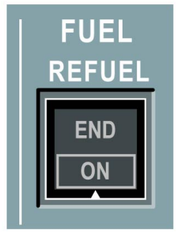
EWD



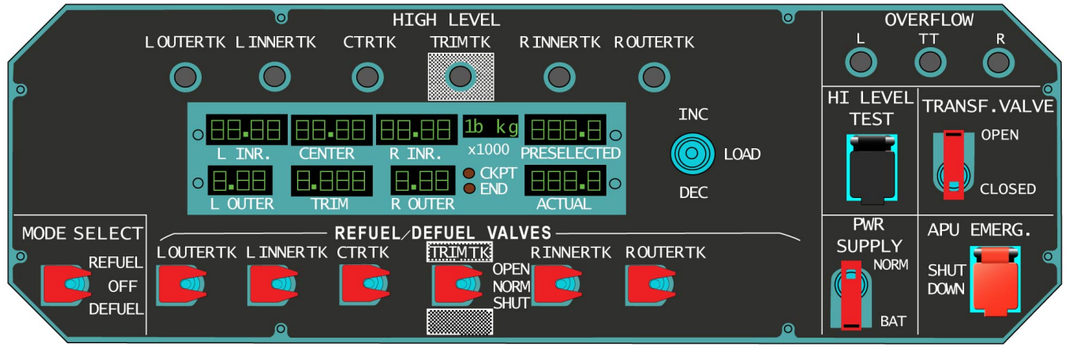


O5611321 - GDGT0T0 - FM27IBDEBRIEF01

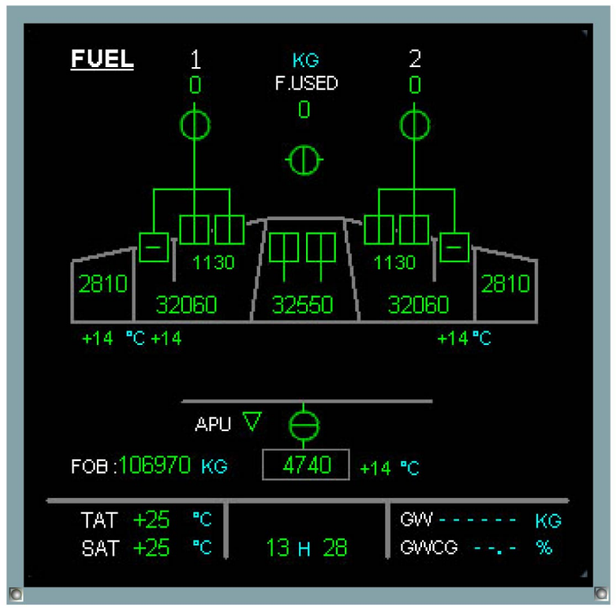


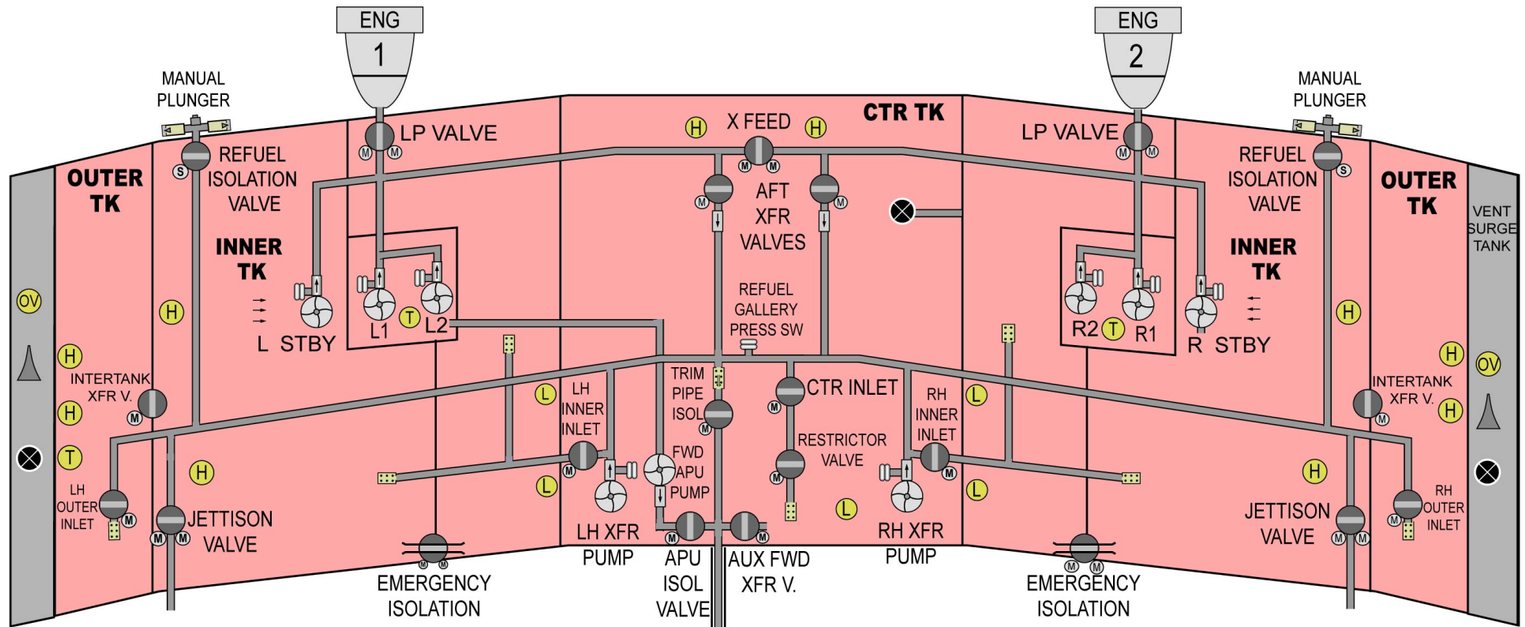


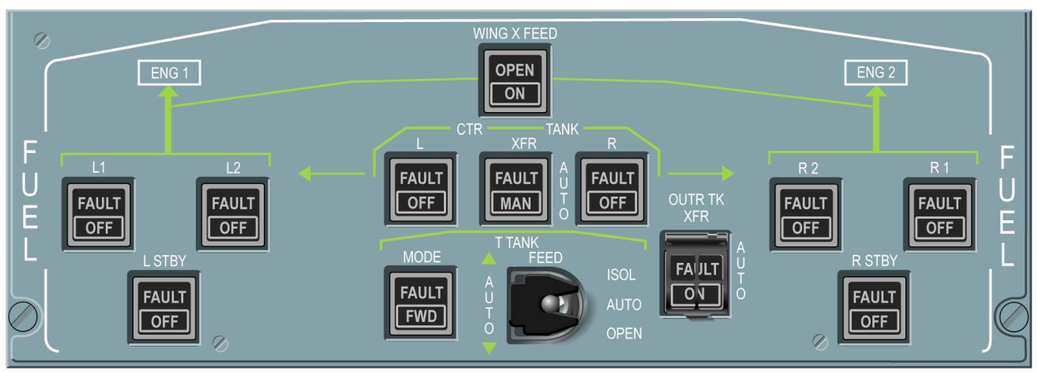
MAINTENANCE PANEL (285 VU)



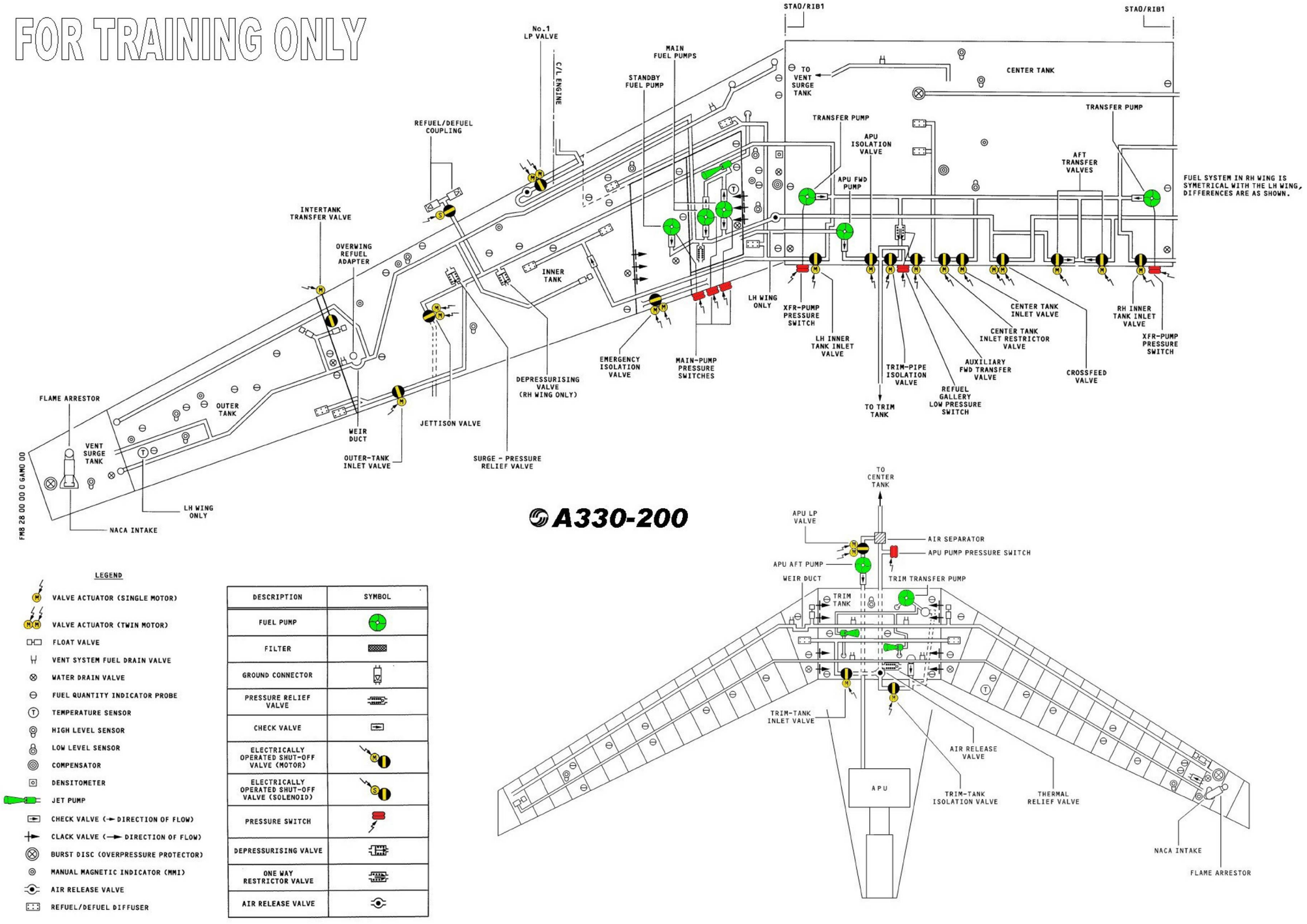
REFUEL/DEFUEL PANEL (990 VU)







FOR TRAINING ONLY



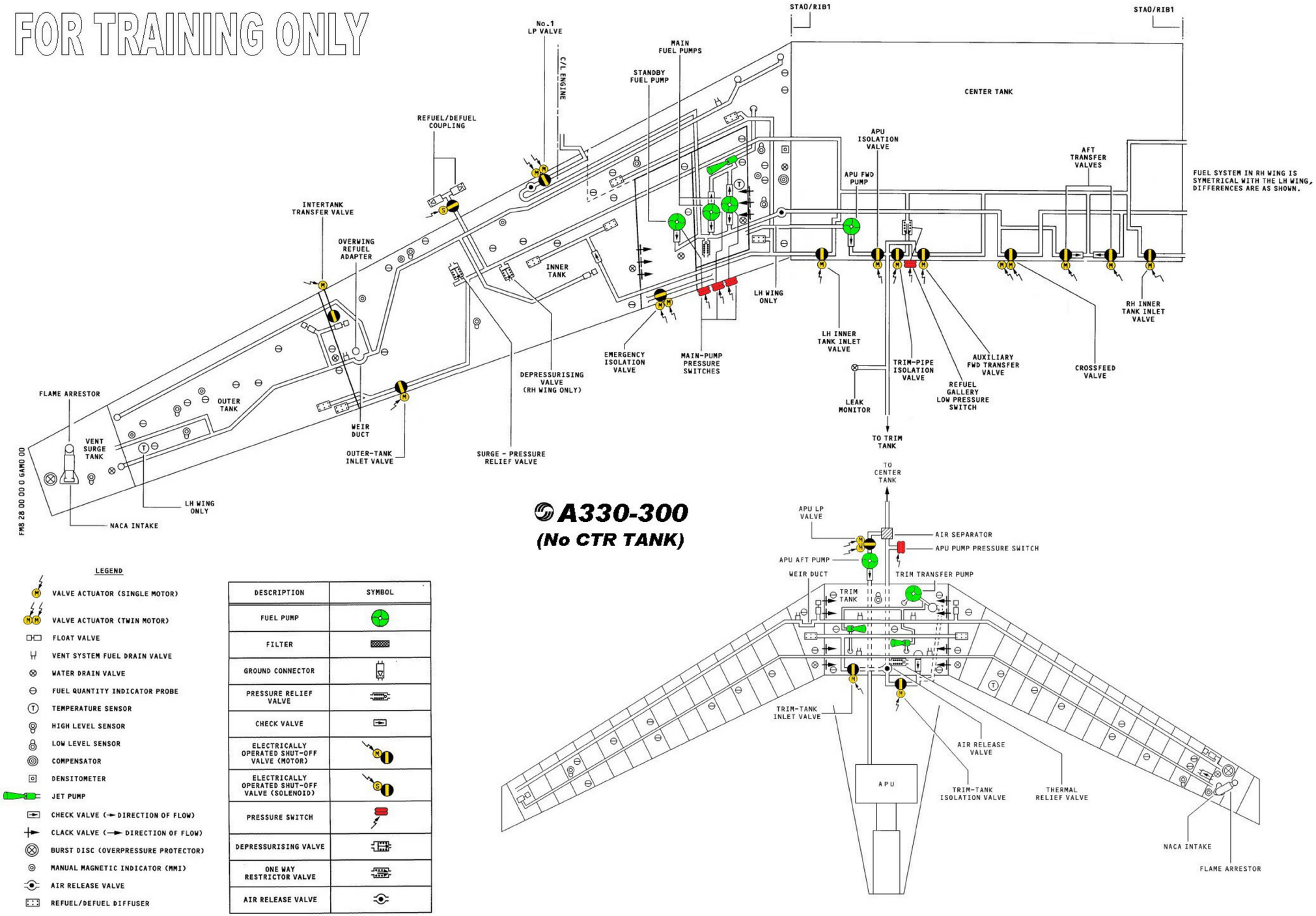
LEGEND

- VALVE ACTUATOR (SINGLE MOTOR)
- VALVE ACTUATOR (TWIN MOTOR)
- FLOAT VALVE
- VENT SYSTEM FUEL DRAIN VALVE
- WATER DRAIN VALVE
- FUEL QUANTITY INDICATOR PROBE
- TEMPERATURE SENSOR
- HIGH LEVEL SENSOR
- LOW LEVEL SENSOR
- COMPENSATOR
- DENSITOMETER
- JET PUMP
- CHECK VALVE (← DIRECTION OF FLOW)
- CLACK VALVE (→ DIRECTION OF FLOW)
- BURST DISC (OVERPRESSURE PROTECTOR)
- MANUAL MAGNETIC INDICATOR (MMI)
- AIR RELEASE VALVE
- REFUEL/DEFUEL DIFFUSER

DESCRIPTION	SYMBOL
FUEL PUMP	
FILTER	
GROUND CONNECTOR	
PRESSURE RELIEF VALVE	
CHECK VALVE	
ELECTRICALLY OPERATED SHUT-OFF VALVE (MOTOR)	
ELECTRICALLY OPERATED SHUT-OFF VALVE (SOLENOID)	
PRESSURE SWITCH	
DEPRESSURISING VALVE	
ONE WAY RESTRICTOR VALVE	
AIR RELEASE VALVE	

O5611321 - GDCT0T0 - FM28IADEBRIEF01

FOR TRAINING ONLY



A330-300
(No CTR TANK)

FM 28 00 00 0 GAM 00

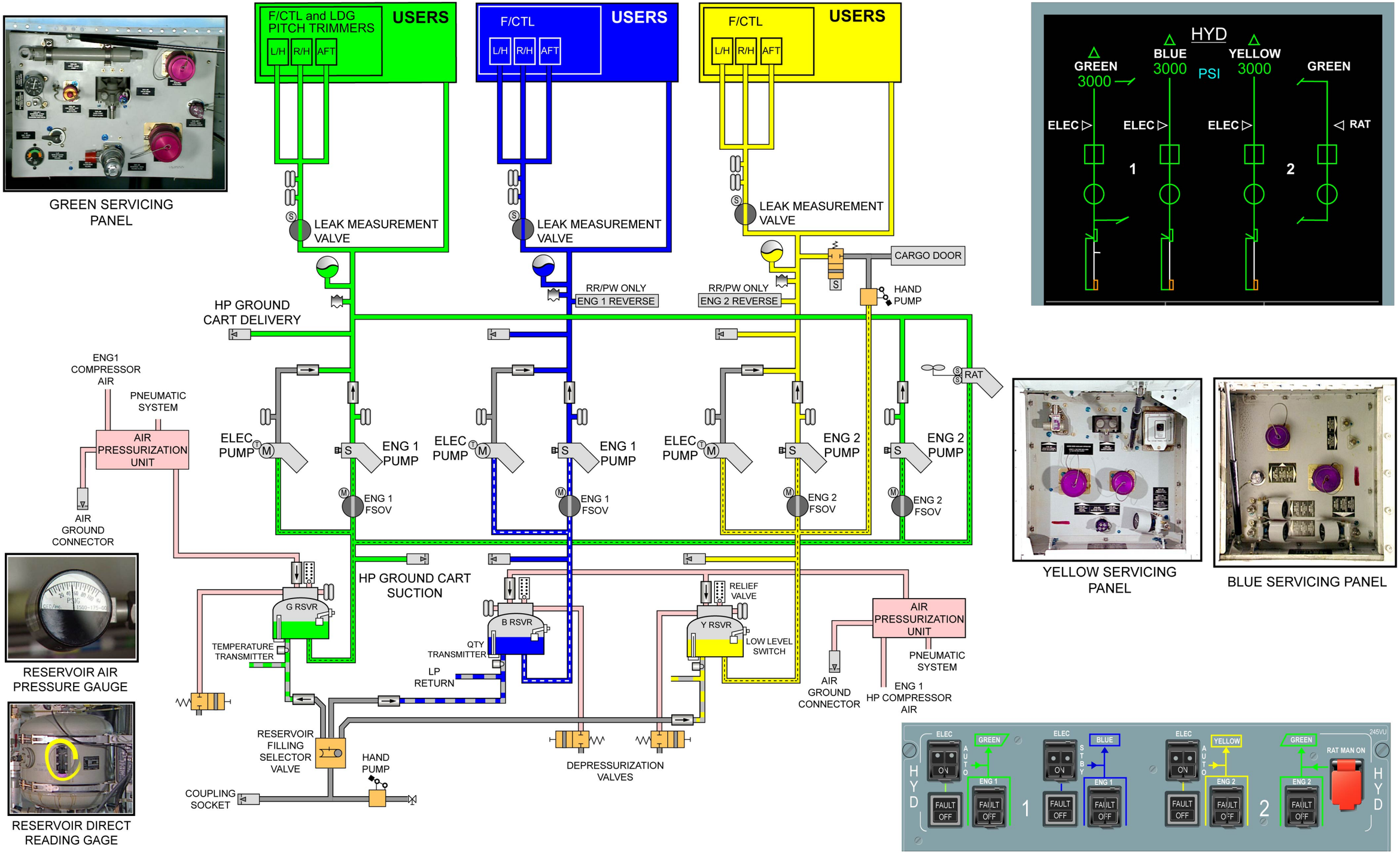
LEGEND

- VALVE ACTUATOR (SINGLE MOTOR)
- VALVE ACTUATOR (TWIN MOTOR)
- FLOAT VALVE
- VENT SYSTEM FUEL DRAIN VALVE
- WATER DRAIN VALVE
- FUEL QUANTITY INDICATOR PROBE
- TEMPERATURE SENSOR
- HIGH LEVEL SENSOR
- LOW LEVEL SENSOR
- COMPENSATOR
- DENSITOMETER
- JET PUMP
- CHECK VALVE (← DIRECTION OF FLOW)
- CLACK VALVE (→ DIRECTION OF FLOW)
- BURST DISC (OVERPRESSURE PROTECTOR)
- MANUAL MAGNETIC INDICATOR (MMI)
- AIR RELEASE VALVE
- REFUEL/DEFUEL DIFFUSER

DESCRIPTION	SYMBOL
FUEL PUMP	
FILTER	
GROUND CONNECTOR	
PRESSURE RELIEF VALVE	
CHECK VALVE	
ELECTRICALLY OPERATED SHUT-OFF VALVE (MOTOR)	
ELECTRICALLY OPERATED SHUT-OFF VALVE (SOLENOID)	
PRESSURE SWITCH	
DEPRESSURISING VALVE	
ONE WAY RESTRICTOR VALVE	
AIR RELEASE VALVE	

O5611321 - GDGT0T0 - FM28IADEBRIEF01

GREEN SERVICING PANEL



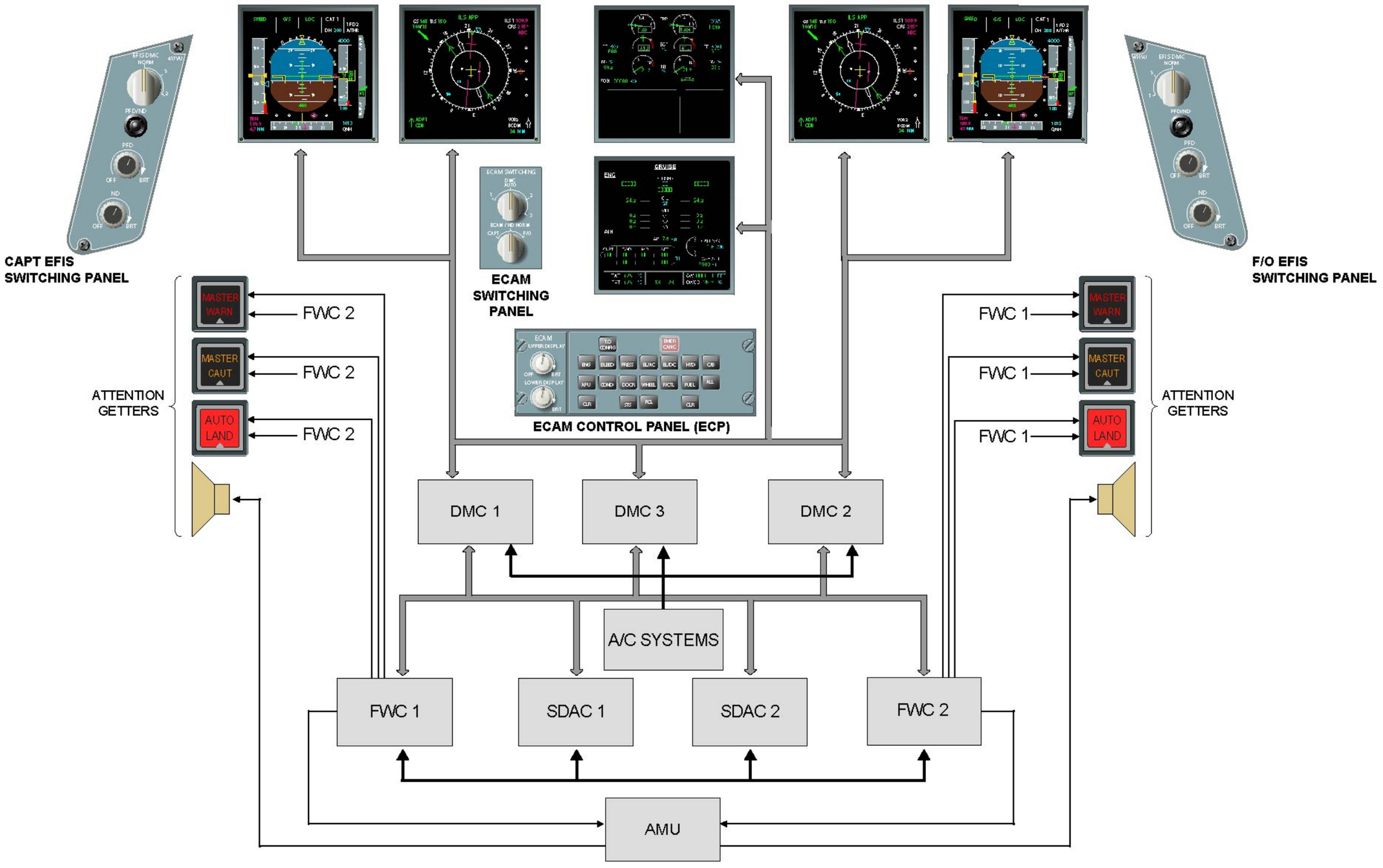
RESERVOIR AIR PRESSURE GAUGE

RESERVOIR DIRECT READING GAGE

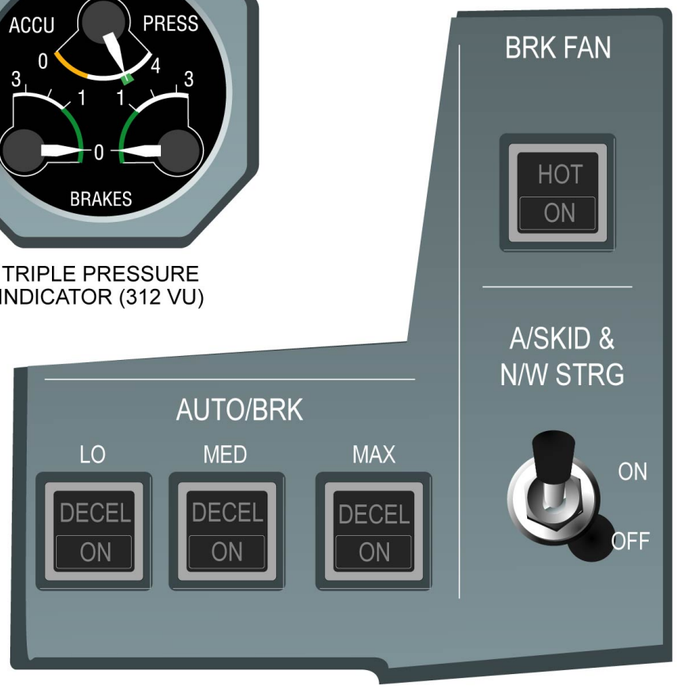
YELLOW SERVICING PANEL

BLUE SERVICING PANEL

O5611321 - GDGT0T0 - FM29IADEBRIEF01

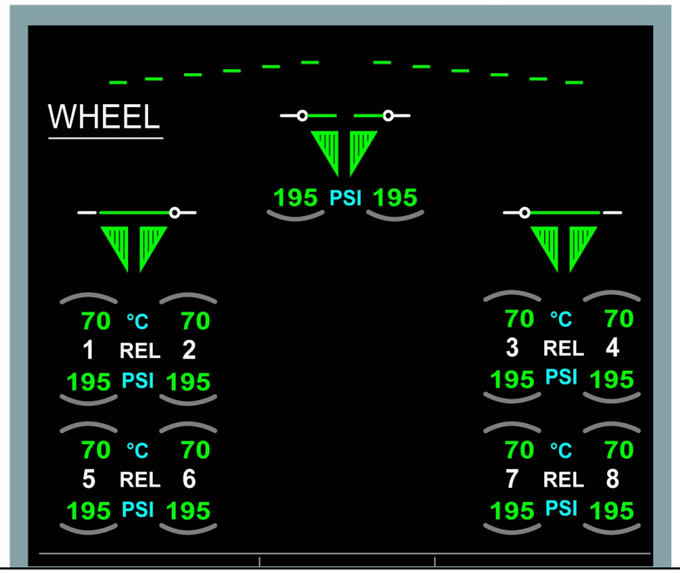

CAPT EFIS SWITCHING PANEL
ECAM SWITCHING PANEL
F/O EFIS SWITCHING PANEL
ECAM CONTROL PANEL (ECP)
ATTENTION GETTERS
MASTER WARN
MASTER CAUT
AUTO LAND
FWC 2
FWC 2
FWC 2
FWC 1
FWC 1
FWC 1
ATTENTION GETTERS
DMC 1
DMC 3
DMC 2
A/C SYSTEMS
FWC 1
SDAC 1
SDAC 2
FWC 2
AMU

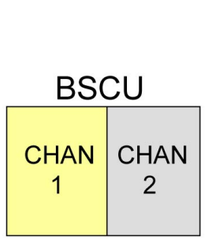
TRIPLE PRESSURE INDICATOR (312 VU)

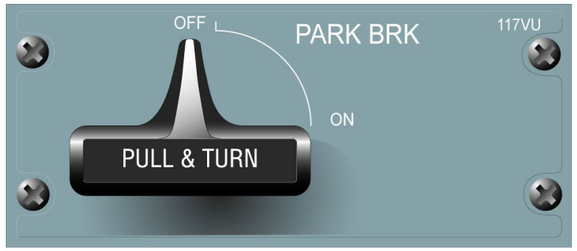


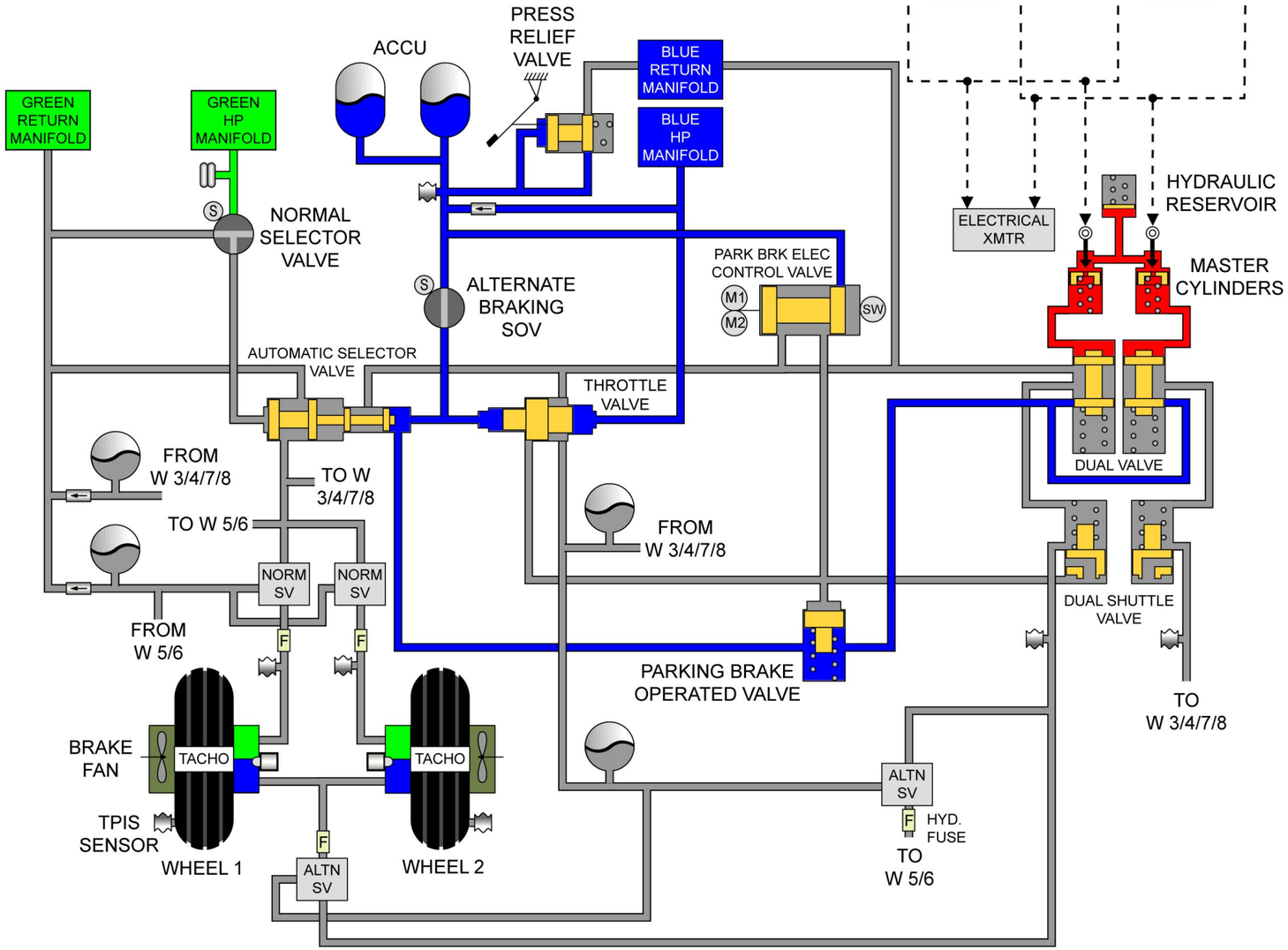
LANDING GEAR CONTROL PANEL (312 VU)

ECAM WHEEL PAGE



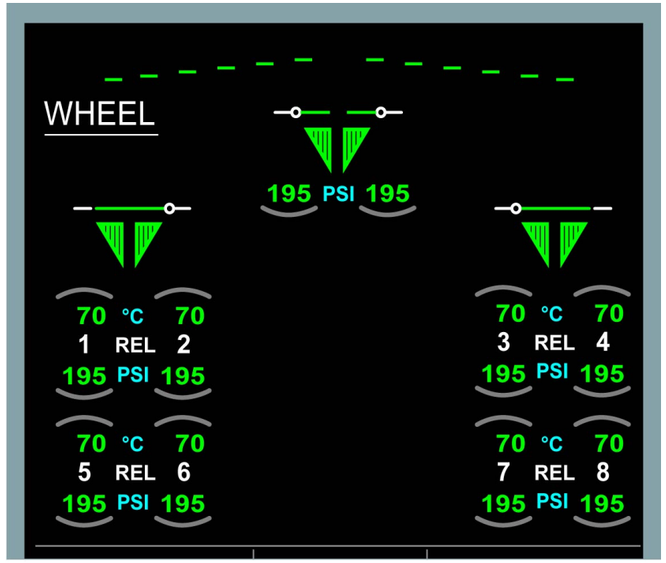




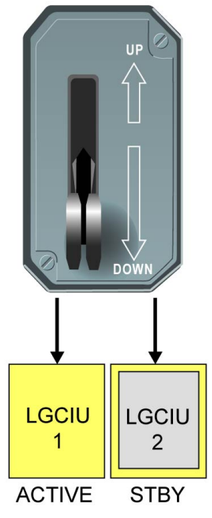


RETURN MANIFOLD
HYDRAULIC GENERATION
TO PITCH TRIMMER
S
SAFETY VALVE
1
FREE FALL CUTOUT VALVE
OTHER GEARS DOWN
GEAR
DOOR
S1 S2
F
SELECTOR VALVES
OTHER DOORS OPEN
OTHER DOORS CLOSE
TO NWS
2
RETURN MANIFOLD
FREE FALL VENT VALVE
OTHER GEARS UP
3
DOOR GROUND OPENING BYPASS VALVE
4
DELAY VALVE

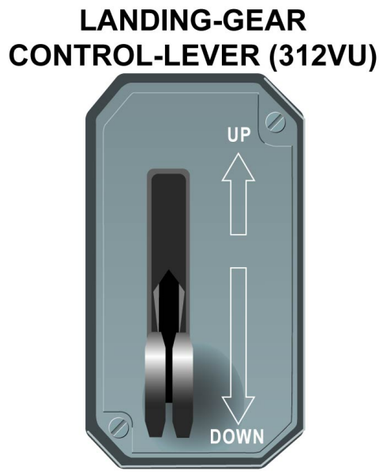
FREE FALL ACTUATORS
LH.MLG
NLG
RH.MLG
MOTOR1
MOTOR2
GEAR BOX
2 3 4
2 3 4
1 2 3 4
FREE FALL EXTENSION SEQUENCE OF OPERATIONS

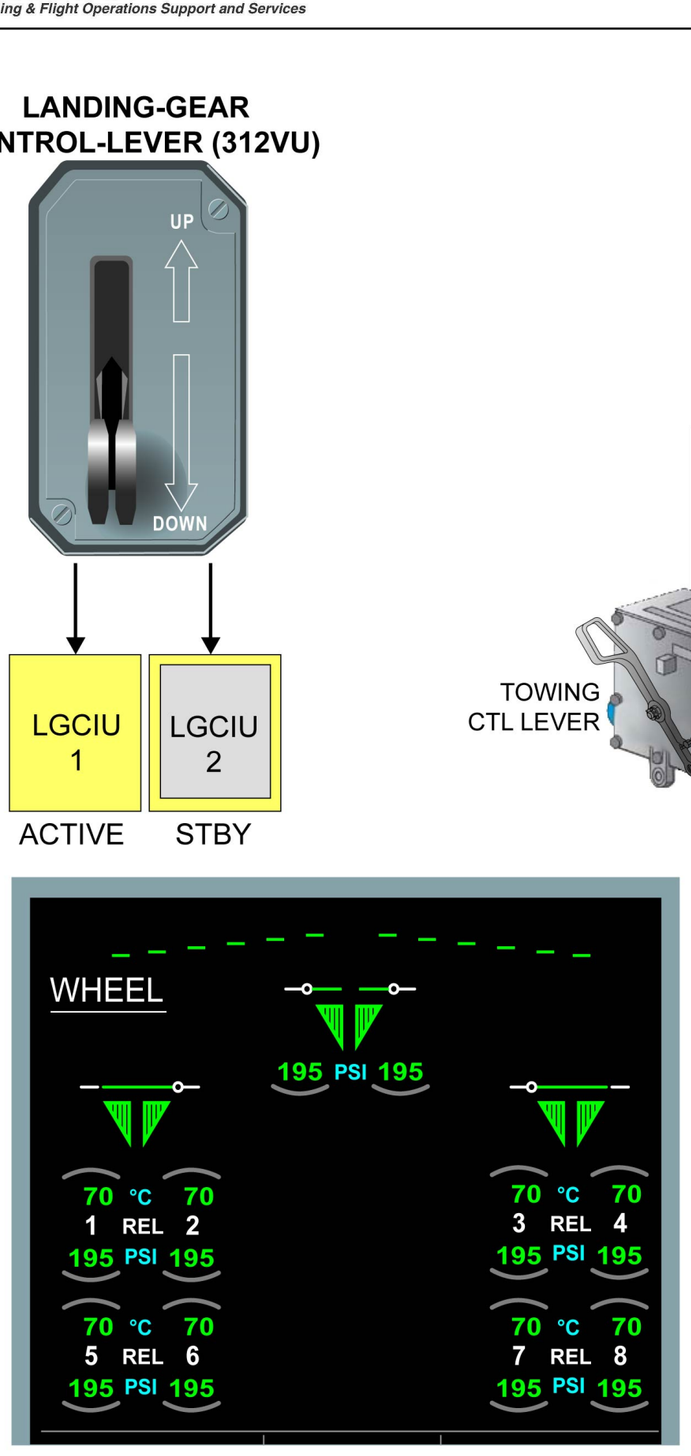


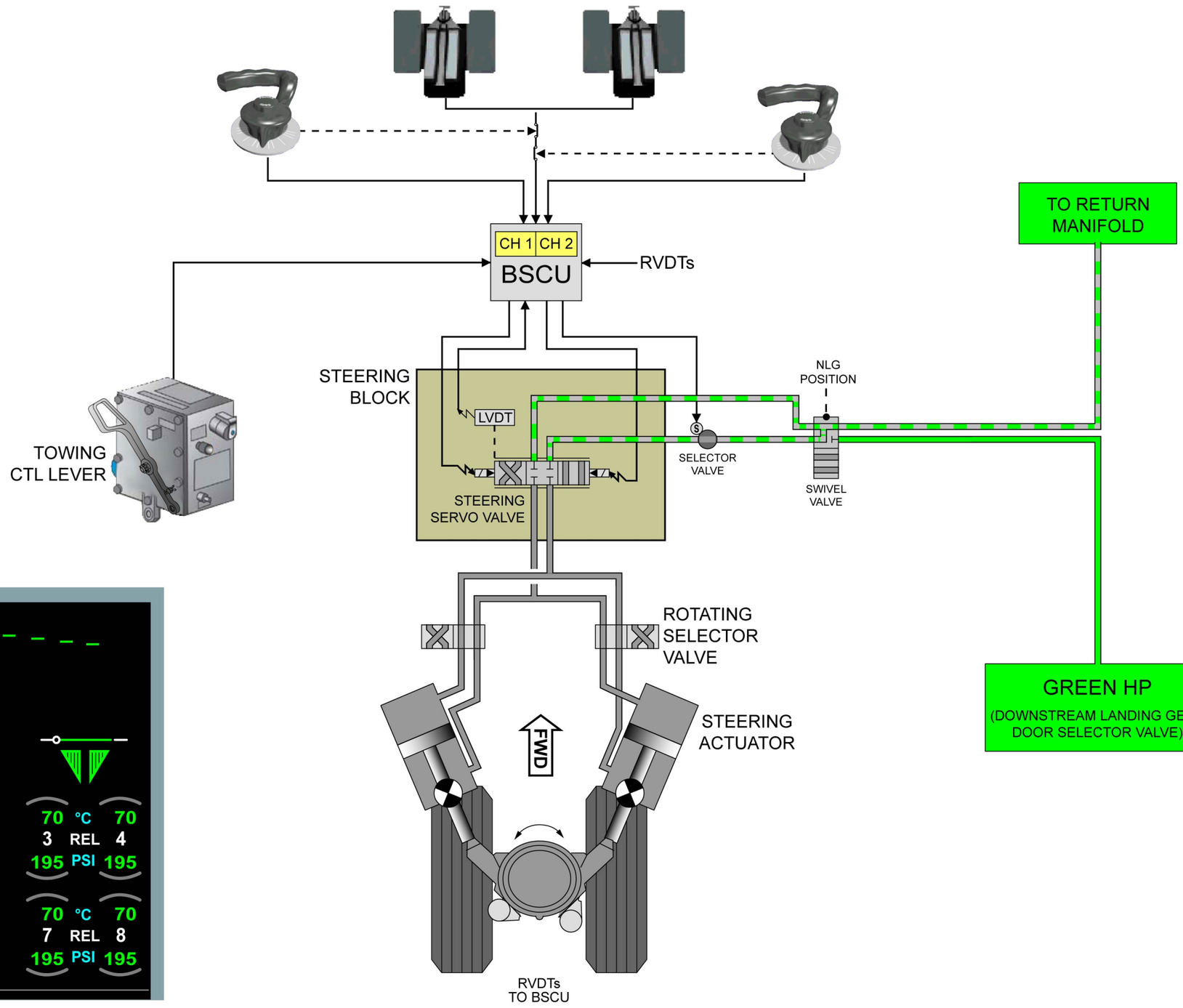
LANDING-GEAR CONTROL-LEVER (312VU)



O5611321 - GDGT0T0 - FM32IBDEBRIEF01

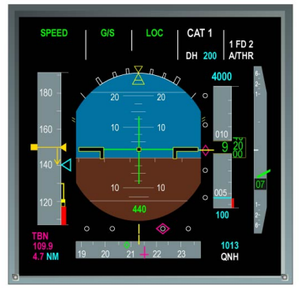






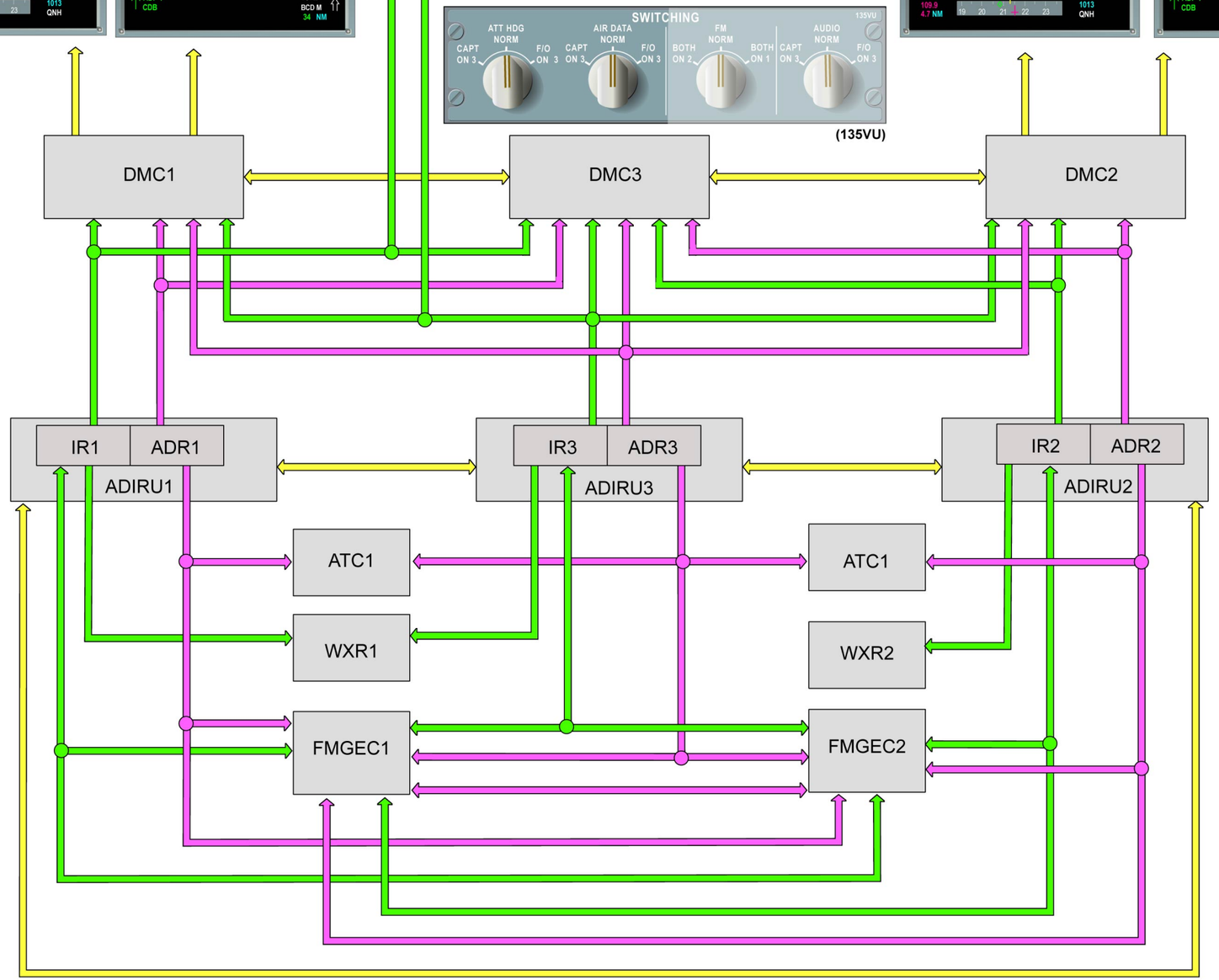
O5611321 - GDGT0T0 - FM32ICDEBRIEF01

DIGITAL DISTANCE AND RADIO MAGNETIC INDICATOR (DDRMI) (311VU)

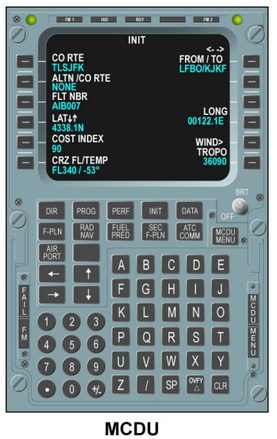


(135VU)

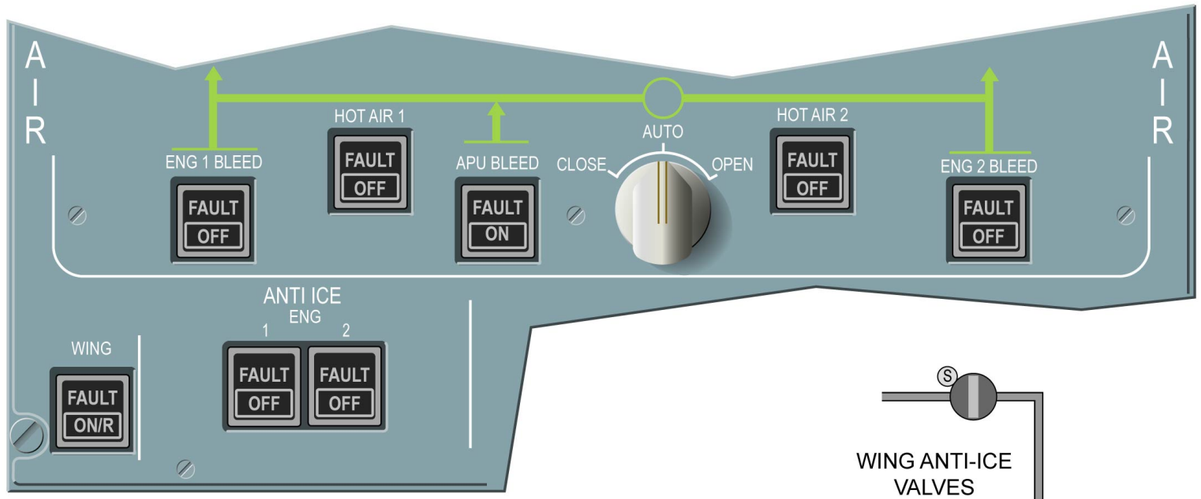
CAPT EFIS CONTROL PANEL



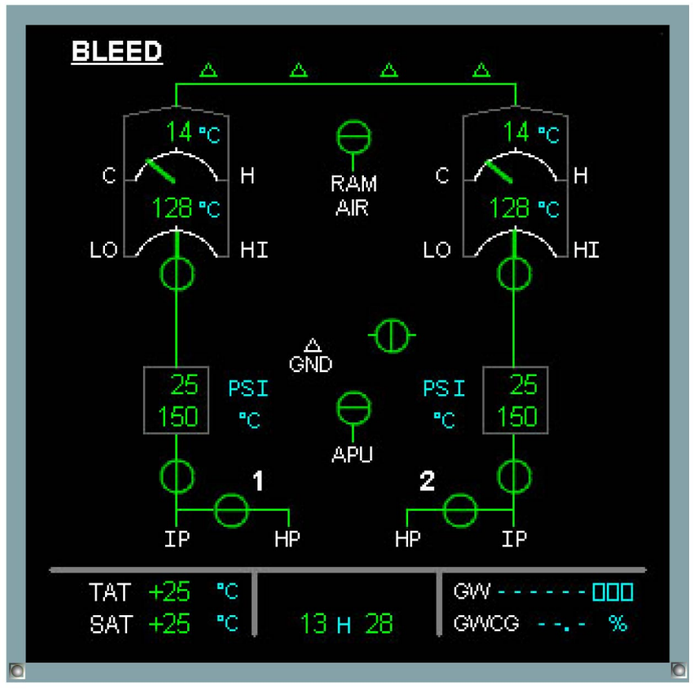
AIR DATA/INERTIAL REFERENCE UNIT (ADIRS)

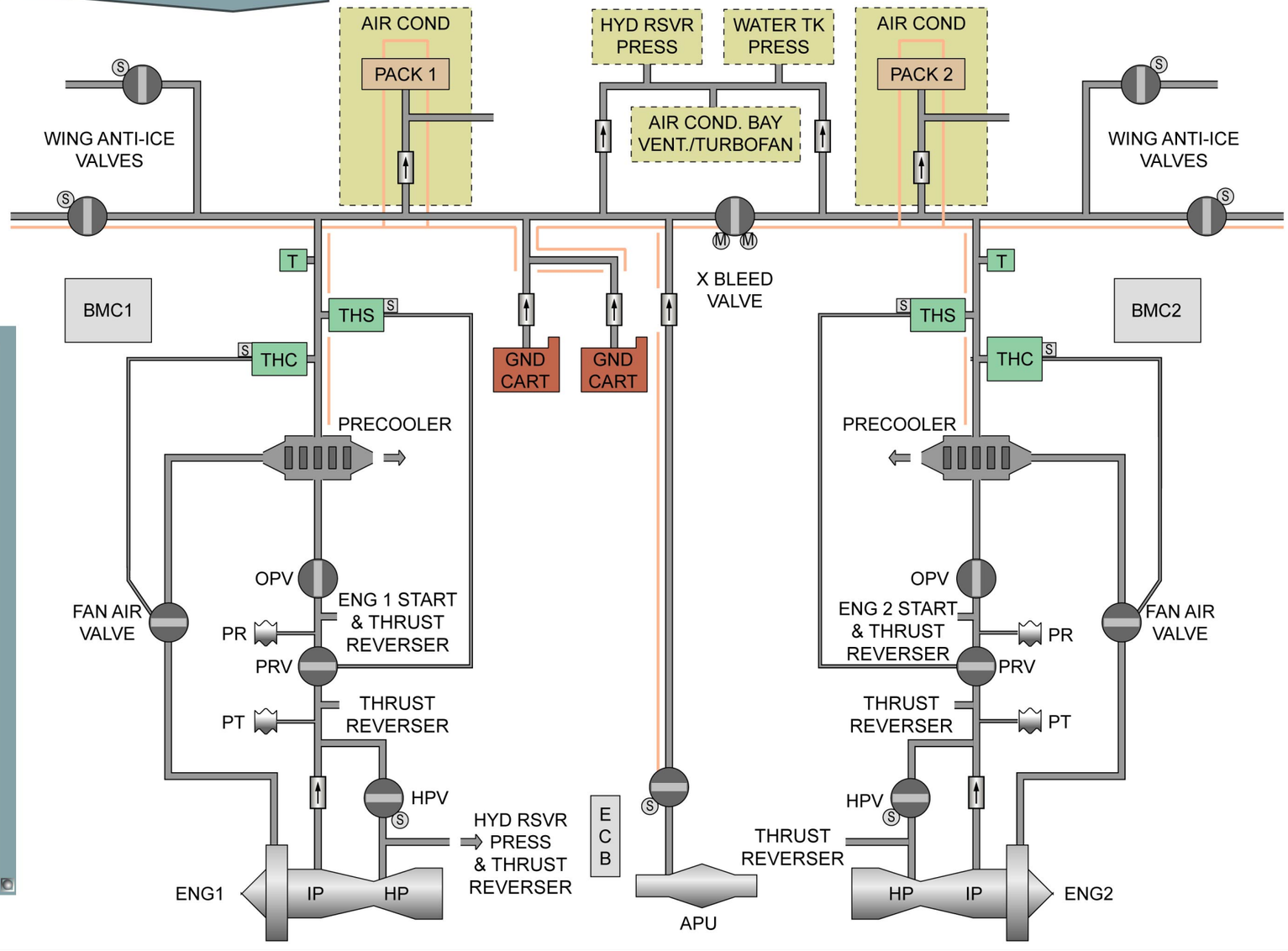


MCDU



AIR CONDITIONING PANEL (225 VU)





O5611321 - GDGT0T0 - FM36IADEBRIEF04

FLIGHT ATTENDANT PANEL (FAP)

Vacuum System Controller (VSC)

FROM SENSORS, FLUSH CONTROL UNITS (FCUs), DRAIN VALVES

TO VACUUM GENERATORS

LAVATORY

Flush Control Unit (FCU)

FLUSH SWITCH

WATER RINSE VALVE

FROM POTABLE WATER SYSTEM

FROM LH TOILETS

OTHER LH TOILETS

OTHER RH TOILETS

TOILET FLUSH VALVE

CABIN FLOOR

DIFFERENTIAL PRESSURE SENSOR

WASTE SEPARATOR/ DEMISTER ASSEMBLY

WASTE LEVEL SENSOR

LEFT TANK

RIGHT TANK

WASTE LEVEL TRANSMITTER

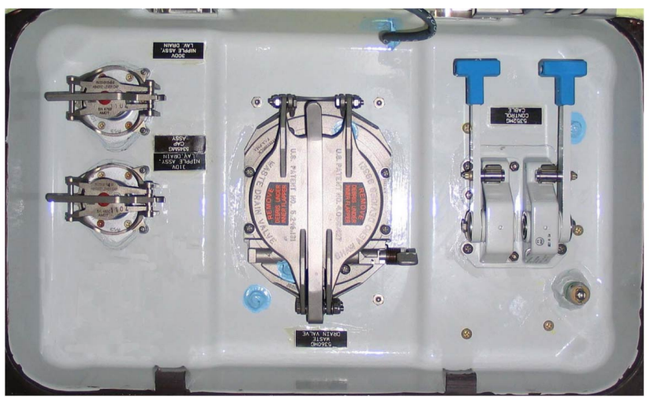
WASTE DRAIN VALVE

VACUUM GENERATOR

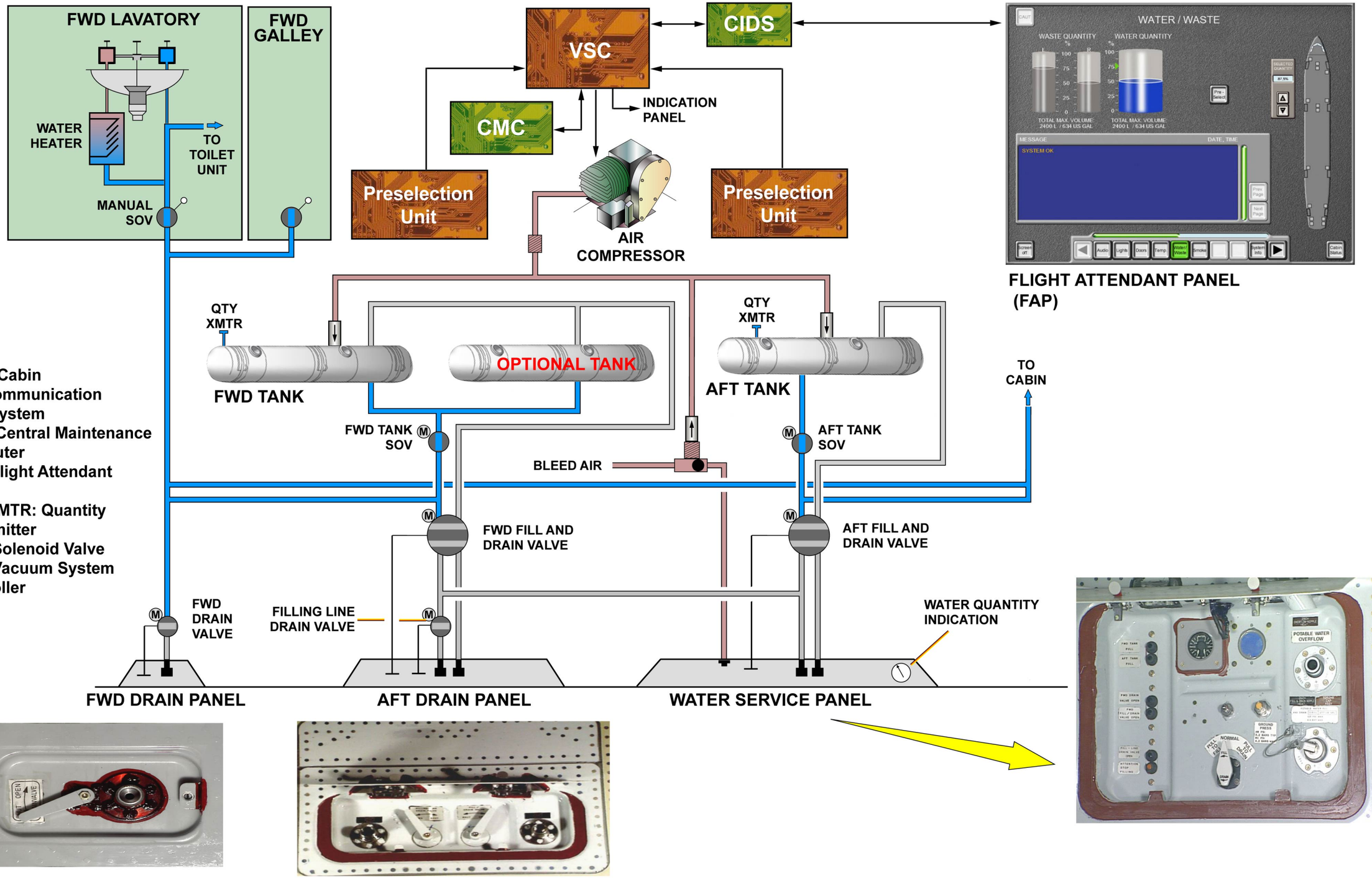
RINSE LINE

A/C SKIN

WASTE SERVICE PANEL



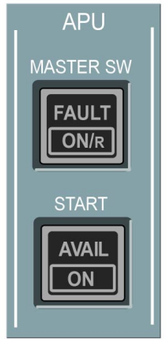
O5611321 - GDGT0T0 - FM38IADEBRIEF01

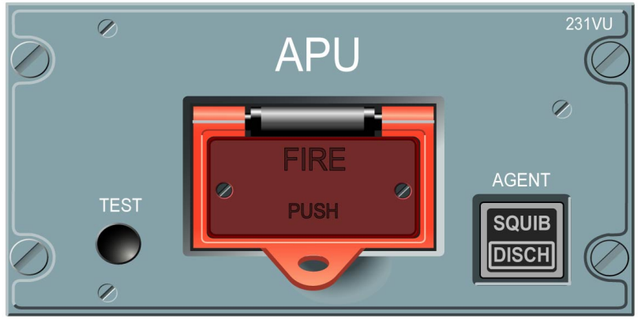


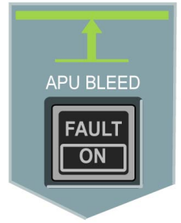
FLIGHT ATTENDANT PANEL (FAP)

CIDS: Cabin Intercommunication Data System
CMC: Central Maintenance Computer
FAP: Flight Attendant Panel
QTY XMTR: Quantity Transmitter
SOV: Solenoid Valve
VSC: Vacuum System Controller

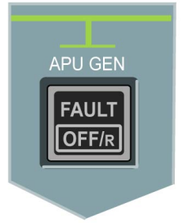
O5611321 - GDGT0T0 - FM38IBDEBRIEF01



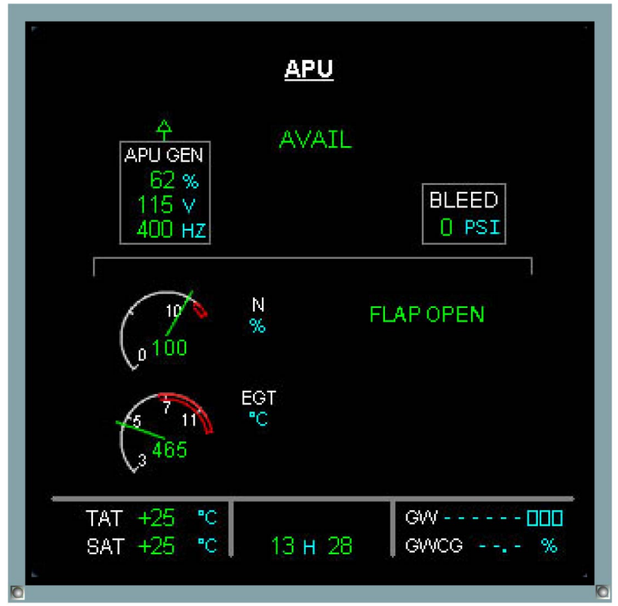




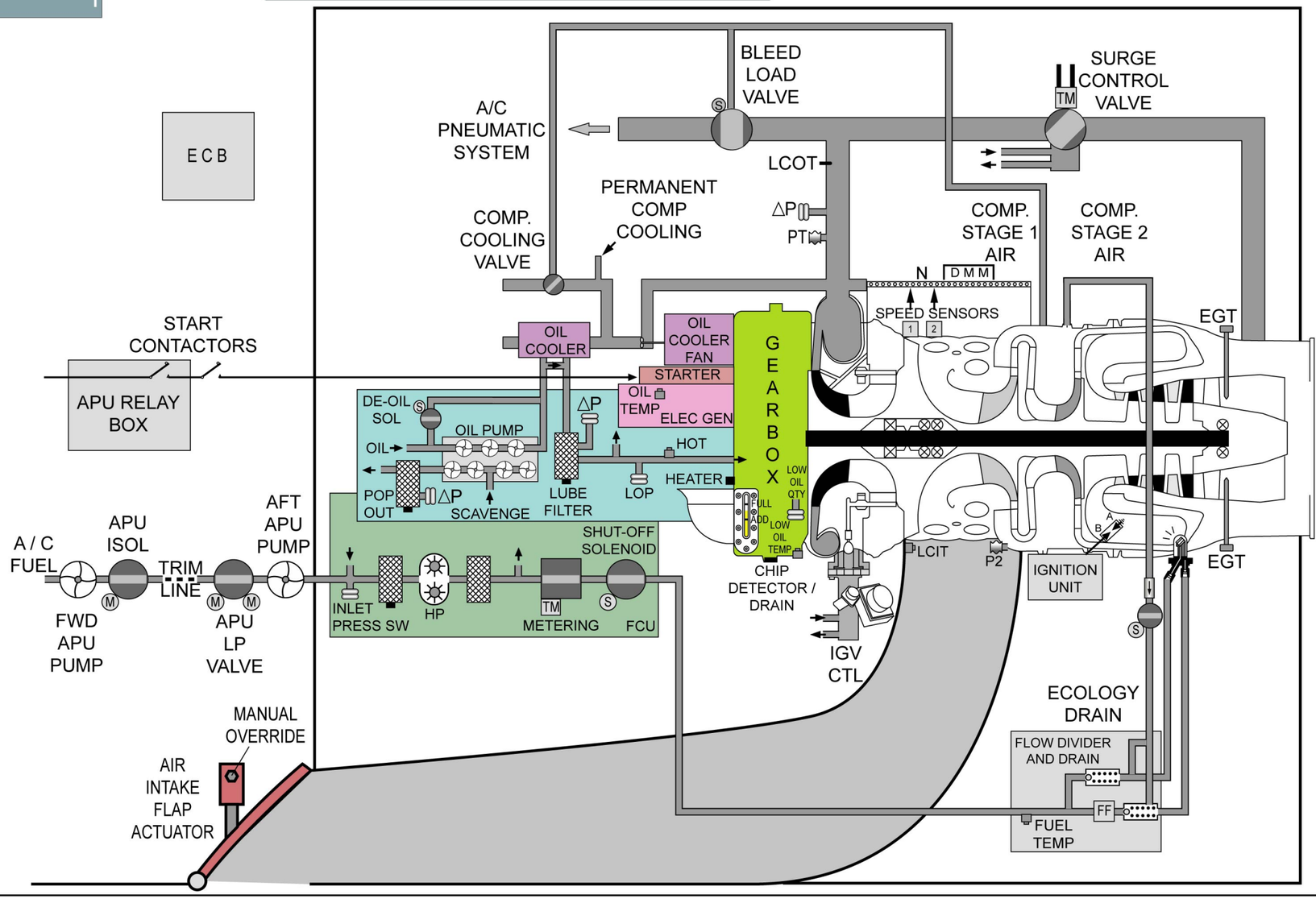
AIR COND PANEL (225 VU)

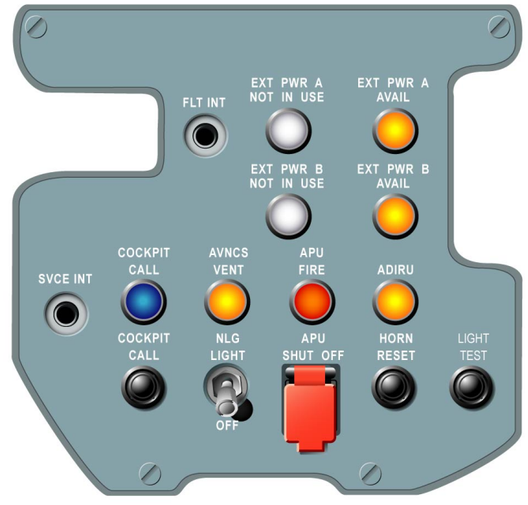


ELEC PANEL (235 VU)



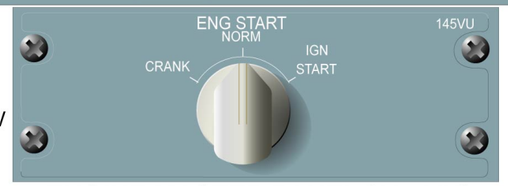
ECB



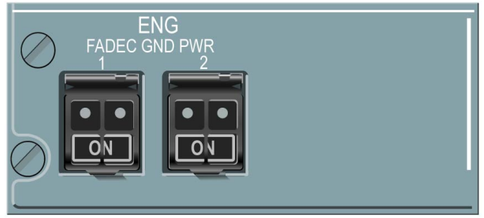


EXTERNAL POWER CONTROL PANEL (925 VU)

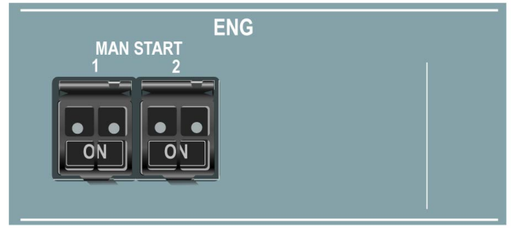
O5611321 - GDGT0T0 - FM49IADEBRIEF01



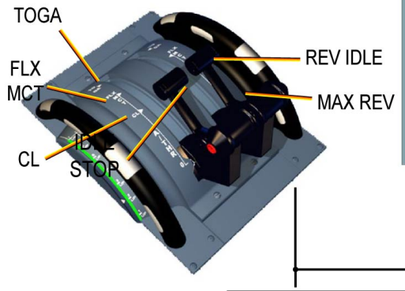
ENGINE MASTER PANEL (125 VU)

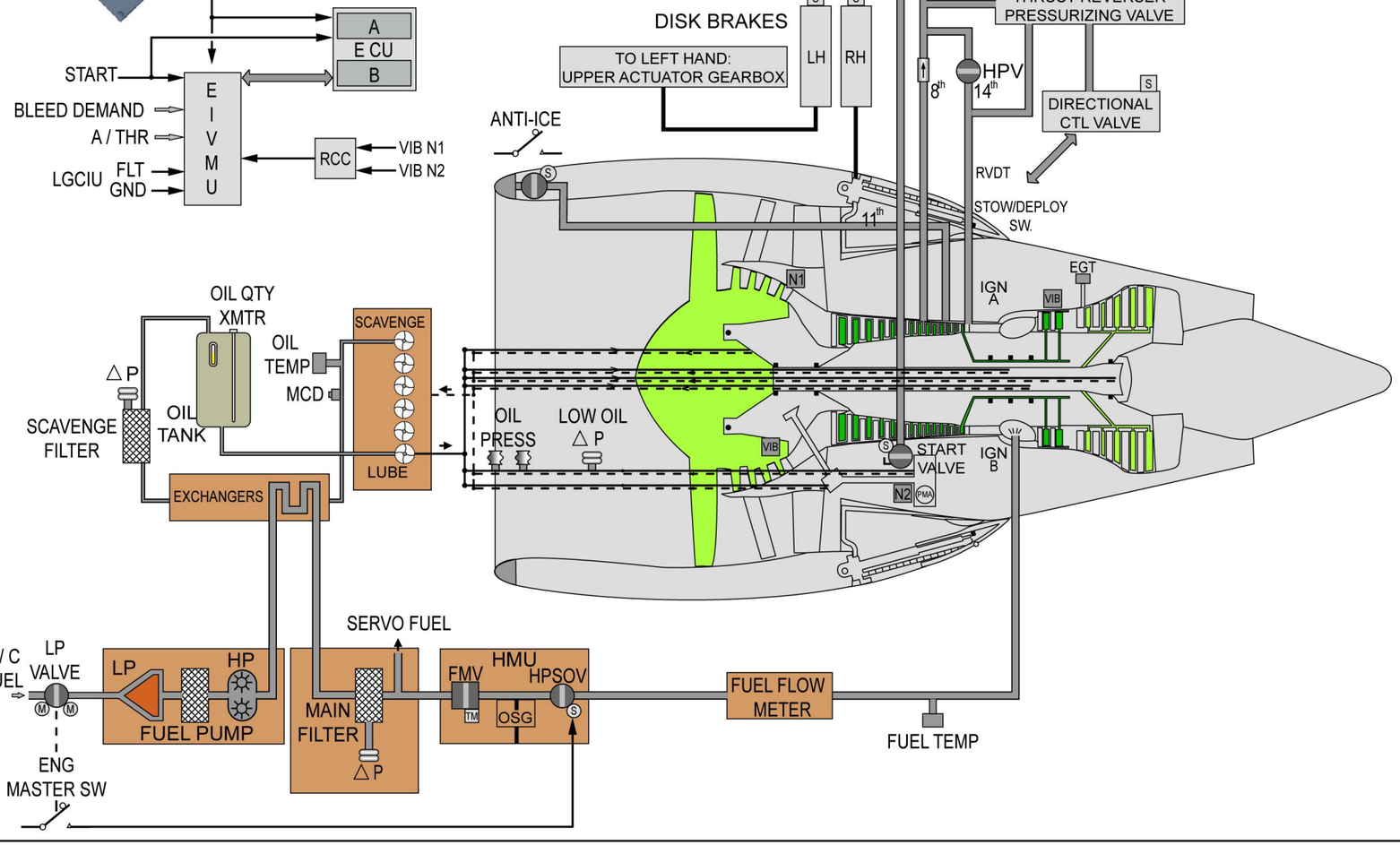


MAINTENANCE PANEL (285 VU)



(212 VU)





O5611321 - GDGT0T0 - FM70IADEBRIEF04